

Quercetin			Rutin				
Pa	Pi	Activity	Pa	Pi	Activity		
1	0,973	0,002	Membrane integrity agonist	0,993	0,001	Hemostatic	
	0,969	0,002	HIF1A expression inhibitor	0,990	0,000	Membrane permeability in	1
2	0,962	0,001	Peroxidase inhibitor	1	0,988	0,001	Free radical scavenger
	0,957	0,002	HMOX1 expression enhancer	0,988	0,001	Cardioprotectant	
	0,951	0,001	CYP1A inducer	2	0,987	0,001	Lipid peroxidase inhibitor
	0,945	0,004	CYP1A substrate	3	0,984	0,001	Membrane integrity agonist
	0,944	0,002	UGT1A6 substrate	0,983	0,001	CYP1A inducer	
3	0,940	0,001	Antimutagenic	0,983	0,001	Anticarcinogenic	
	0,940	0,003	CYP1A1 substrate	0,980	0,001	Vasoprotector	2
	0,939	0,002	UGT1A10 substrate	0,975	0,001	CYP1A1 inducer	
	0,938	0,003	Membrane permeability inhibitor	0,974	0,001	Xanthine dehydrogenase in	3
	0,934	0,001	Quercetin 2,3-dioxygenase inhibitor	0,969	0,002	UDP-glucuronosyltransferase sub	
	0,933	0,001	MAP kinase stimulant	0,968	0,001	Hepatoprotectant	
	0,931	0,002	UGT1A9 substrate	0,968	0,001	Chemopreventive	
	0,930	0,001	CYP1A1 inducer	0,965	0,001	Monophenol monooxygenase inh	
	0,930	0,003	CYP1A inhibitor	0,952	0,001	Proliferative diseases treatment	
	0,928	0,002	NADPH oxidase inhibitor	0,948	0,001	Histamine release stimulant	
	0,924	0,001	Beta-carotene 15,15'-monooxygenase	0,942	0,001	Morphine 6-dehydrogenase inhibi	
	0,924	0,007	CYP2C12 substrate	0,939	0,000	Capillary fragility treatment	
	0,920	0,001	Chalcone isomerase inhibitor	0,928	0,003	Anaphylatoxin receptor antagonis	
	0,910	0,004	CYP1A2 substrate	4	0,923	0,003	Antioxidant
	0,909	0,001	CYP1A1 inhibitor	0,919	0,007	CDP-glycerol glycerophosphotran:	
	0,909	0,003	CYP1A2 inhibitor	0,907	0,003	Antiprotozoal (Leishmania)	
	0,900	0,005	Ubiquinol-cytochrome-c reductase inhi	0,900	0,003	Antihypercholesterolemic	
	0,898	0,001	2-Enoate reductase inhibitor	0,893	0,005	TP53 expression enhancer	
	0,895	0,002	Histidine kinase inhibitor	0,886	0,002	Antidote	
	0,894	0,002	UGT1A3 substrate	0,865	0,003	UGT1A substrate	
	0,894	0,003	UGT1A substrate	0,859	0,004	2-Dehydropantoate 2-reductase ii	
	0,894	0,004	Aldehyde oxidase inhibitor	0,858	0,001	Alpha glucosidase inhibitor	
	0,891	0,001	Iodide peroxidase inhibitor	0,858	0,001	Aryl hydrocarbon receptor agonis	
	0,887	0,002	AR expression inhibitor	0,855	0,000	Beta-N-acetylhexosaminidase inhi	
4	0,887	0,005	Apoptosis agonist	0,854	0,004	CYP3A4 inducer	
	0,875	0,005	Anaphylatoxin receptor antagonist	0,854	0,010	Benzoate-CoA ligase inhibitor	
	0,873	0,001	CYP19 inhibitor	0,850	0,002	NADPH oxidase inhibitor	
	0,872	0,001	CYP1B1 inhibitor	0,849	0,007	Antineoplastic	
5	0,872	0,003	Antioxidant	0,842	0,009	HIF1A expression inhibitor	
	0,866	0,002	UGT1A1 substrate	0,839	0,004	Caspase 3 stimulant	
	0,857	0,004	UDP-glucuronosyltransferase substrate	0,832	0,002	CYP2C9 inducer	
	0,853	0,001	Testosterone 17beta-dehydrogenase ir	0,825	0,014	CYP2H substrate	4
	0,850	0,002	NOS2 expression inhibitor	0,824	0,016	Chlordecone reductase inhibitor	
	0,844	0,008	TP53 expression enhancer	0,819	0,005	CYP3A inducer	
	0,835	0,013	Antiseborrheic	0,819	0,005	Kinase inhibitor	
	0,833	0,003	Cardioprotectant	0,815	0,003	Lactase inhibitor	
	0,831	0,005	CYP3A4 inducer	0,797	0,004	P-benzoquinone reductase (NADP	

0,824	0,004	Vasoprotector	0,784	0,006	Antifungal	5
0,817	0,029	Aspulvinone dimethylallyltransferase ir	0,777	0,003	Mycothioli-S-conjugate amidase ir	
0,815	0,002	UGT1A8 substrate	0,776	0,002	Laxative	
6 0,813	0,002	1-Alkylglycerophosphocholine O-acetyl	0,774	0,003	Trans-1,2-dihydrobenzene-1,2-dic	
0,811	0,003	Free radical scavenger	0,764	0,003	Beta glucuronidase inhibitor	
0,809	0,005	Kinase inhibitor	0,758	0,010	Membrane integrity antagonist	
0,797	0,002	SULT1A3 substrate	0,755	0,002	Skin whitener	
0,797	0,012	Antineoplastic	5 0,753	0,004	HMOX1 expression enhancer	
0,794	0,002	Xanthine oxidase inhibitor	0,749	0,005	NADPH-ferrihemoprotein reducta	
0,794	0,006	CYP3A inducer	0,747	0,011	Apoptosis agonist	
0,792	0,003	Monophenol monooxygenase inhibitor	0,743	0,004	Antiviral (Influenza)	
0,789	0,004	Sulfotransferase substrate	0,742	0,004	Radiosensitizer	
0,788	0,004	Lipid peroxidase inhibitor	6 0,741	0,001	Glutathione-disulfide reductase in	
0,787	0,009	JAK2 expression inhibitor	0,740	0,006	Vasodilator	
0,776	0,004	APOA1 expression enhancer	0,734	0,003	4-Coumarate-CoA ligase inhibitor	
0,775	0,002	UGT2B15 substrate	0,734	0,006	Histidine kinase inhibitor	
0,775	0,004	Alcohol dehydrogenase (NADP+) inhibi	0,728	0,013	Antiinflammatory	
0,773	0,001	Xanthine dehydrogenase inhibitor	0,725	0,009	Radioprotector	
0,771	0,003	Hemostatic	0,723	0,004	Xenobiotic-transporting ATPase ir	
0,770	0,001	3-Oxoacyl-[acyl-carrier-protein] syntha	0,711	0,009	Cytostatic	
0,757	0,007	Anticarcinogenic	0,705	0,004	UGT1A7 substrate	
0,755	0,005	CYP2B5 substrate	0,704	0,005	Hepatic disorders treatment	
0,754	0,005	4-Nitrophenol 2-monooxygenase inhib	0,703	0,003	Nitric oxide antagonist	
0,753	0,004	Pectate lyase inhibitor	0,694	0,016	Oxidoreductase inhibitor	
0,751	0,003	Histamine release stimulant	0,691	0,004	Caspase 8 stimulant	
0,751	0,034	Mucomembranous protector	0,685	0,009	Antithrombotic	
0,748	0,001	Glutathione-disulfide reductase inhibit	0,677	0,005	Antibacterial	6
0,737	0,001	Capillary fragility treatment	0,676	0,038	Sugar-phosphatase inhibitor	
0,736	0,014	CYP2C substrate	0,674	0,001	Melanin inhibitor	
0,734	0,005	MMP9 expression inhibitor	0,671	0,035	Alkenylglycerophosphocholine hy	
0,733	0,004	UGT2B substrate	0,668	0,002	Xanthine oxidase inhibitor	
0,730	0,010	27-Hydroxycholesterol 7alpha-monoox	0,662	0,005	Sulfotransferase substrate	
0,729	0,002	Astringent	0,660	0,010	UGT1A9 substrate	
0,720	0,004	Histamine release inhibitor	0,659	0,006	UGT1A1 substrate	
0,717	0,006	Chemopreventive	0,657	0,009	Antiinfective	
0,714	0,049	Gluconate 2-dehydrogenase (acceptor)	0,652	0,002	Aldose reductase inhibitor	
0,714	0,050	Testosterone 17beta-dehydrogenase (I	0,652	0,002	DNA ligase (ATP) inhibitor	
0,708	0,004	UGT2B12 substrate	0,643	0,015	NAD(P)+-arginine ADP-ribosyltran	
0,706	0,006	CYP2A4 substrate	0,638	0,005	Alkylator	
0,706	0,007	Hepatoprotectant	0,632	0,004	Vascular (periferal) disease treatn	
0,695	0,002	RELA expression inhibitor	0,630	0,005	Malate dehydrogenase inhibitor	
0,689	0,017	Antiinflammatory	0,621	0,001	Vitamin	
0,684	0,056	CYP2J substrate	0,607	0,022	Immunostimulant	
0,682	0,002	Morphine 6-dehydrogenase inhibitor	0,606	0,002	Hypoxia inducible factor 1 alpha i	
0,681	0,005	Beta glucuronidase inhibitor	0,605	0,010	Antimycobacterial	
0,680	0,007	Reductant	0,603	0,010	1-Alkylglycerophosphocholine O-z	
0,679	0,013	CYP2C9 substrate	0,602	0,029	Immunosuppressant	

0,676	0,003	CF transmembrane conductance regulat	0,600	0,012	Reductant
0,676	0,004	Chemoprotective	0,598	0,012	3-Phytase inhibitor
0,670	0,004	UGT1A7 substrate	0,595	0,009	Transcription factor stimulant
0,667	0,004	Trans-1,2-dihydrobenzene-1,2-diol deh	0,595	0,009	Transcription factor NF kappa B st
0,666	0,001	Beta-N-acetylhexosaminidase inhibitor	0,587	0,015	Platelet adhesion inhibitor
0,659	0,006	Leukotriene-B4 20-monooxygenase inh	0,586	0,012	Antiulcerative
0,659	0,040	Fibrinolytic	0,583	0,016	Aspartyltransferase inhibitor
0,656	0,004	4-Coumarate-CoA ligase inhibitor	0,581	0,005	Chemoprotective
0,653	0,046	CYP2J2 substrate	0,578	0,006	Angiogenesis stimulant
0,651	0,009	Cholestanetriol 26-monooxygenase inh	0,577	0,004	RNA synthesis inhibitor
0,650	0,005	Plastoquinol-plastocyanin reductase in	0,575	0,001	Phosphoenolpyruvate carboxylase
0,648	0,030	Dehydro-L-gulonate decarboxylase inh	0,575	0,006	Mannosyl-glycoprotein endo-beta
0,646	0,015	Cytoprotectant	0,574	0,044	CYP3A substrate
0,645	0,007	Tetrahydroxynaphthalene reductase in	0,573	0,015	Histamine release inhibitor
0,645	0,017	Insulysin inhibitor	0,572	0,035	Glycerol-ether monooxygenase in
0,634	0,004	CYP1B substrate	0,571	0,026	Respiratory analeptic
0,632	0,012	CYP2C11 substrate	0,569	0,008	Interleukin 2 agonist
0,630	0,025	Alkane 1-monooxygenase inhibitor	0,560	0,044	CYP3A2 substrate
0,627	0,022	CYP2B6 substrate	0,559	0,004	Sweetener
0,625	0,015	Pin1 inhibitor	0,557	0,030	Trans-acenaphthene-1,2-diol deh
0,625	0,019	Trans-acenaphthene-1,2-diol dehydrog	0,553	0,030	Hypolipemic
0,623	0,004	Nitric oxide antagonist	0,549	0,012	CYP2E1 inducer
0,617	0,037	CYP3A4 substrate	0,545	0,053	CYP3A4 substrate
0,615	0,003	DNA ligase (ATP) inhibitor	0,542	0,013	Chemosensitizer
0,614	0,010	Proliferative diseases treatment	0,541	0,005	Maillard reaction inhibitor
0,614	0,012	Steroid N-acetylglucosaminyltransferas	0,541	0,008	Dementia treatment
0,610	0,033	Oxidoreductase inhibitor	0,541	0,031	CYP3A5 substrate
0,602	0,033	Glutathione thiolesterase inhibitor	0,539	0,008	Levansucrase inhibitor
0,601	0,003	Antihemorrhagic	0,536	0,016	Antineoplastic (breast cancer)
0,601	0,004	CYP19A1 expression inhibitor	0,536	0,063	Acute neurologic disorders treatm
0,594	0,043	Kidney function stimulant	0,531	0,023	CYP1A substrate
0,592	0,016	CYP2A2 substrate	0,530	0,008	CYP3A7 substrate
0,591	0,031	2-Hydroxyquinoline 8-monooxygenase	0,529	0,027	Nucleotide metabolism regulator
0,591	0,032	CYP3A2 substrate	0,528	0,019	Antidiabetic
0,589	0,019	CYP2A6 substrate	0,526	0,007	Antiviral (Herpes)
0,588	0,003	Skin whitener	0,522	0,015	Antimetastatic
0,588	0,011	CYP2A11 substrate	0,521	0,003	Severe acute respiratory syndrom
0,588	0,014	Neurotransmitter antagonist	0,521	0,004	Interleukin agonist
0,587	0,002	Severe acute respiratory syndrome tre	0,518	0,011	Non-steroidal antiinflammatory a
0,583	0,002	DOPA decarboxylase inhibitor	0,517	0,013	UGT2B substrate
0,583	0,006	Transcription factor inhibitor	0,517	0,019	Bilirubin oxidase inhibitor
0,583	0,019	Radiosensitizer	0,516	0,051	Glucan endo-1,3-beta-D-glucosid
0,582	0,042	CYP3A substrate	0,514	0,014	Mediator release inhibitor
0,578	0,007	CYP2C9 inducer	0,512	0,004	ICAM1 expression inhibitor
0,577	0,012	Antineoplastic (breast cancer)	0,512	0,145	Ubiquinol-cytochrome-c reductas
0,577	0,038	Glucan endo-1,6-beta-glucosidas	0,510	0,025	APOA1 expression enhancer
0,575	0,016	Antiprotozoal (Leishmania)	0,507	0,004	Antiprotozoal (Plasmodium)

0,575	0,045	Complement factor D inhibitor	0,506	0,059	CYP2C8 inhibitor
0,573	0,035	Feruloyl esterase inhibitor	0,505	0,015	Cell adhesion molecule inhibitor
0,572	0,022	NAD(P)+-arginine ADP-ribosyltransferase inhibitor	0,504	0,040	Manganese peroxidase inhibitor
0,571	0,026	Lipid metabolism regulator	0,503	0,015	Antimutagenic
0,569	0,004	Interleukin 4 antagonist	0,498	0,038	Antihypoxic
0,569	0,036	Thioredoxin inhibitor	0,496	0,002	Gastritis treatment
0,567	0,015	5 Hydroxytryptamine release inhibitor	0,495	0,017	CYP1A1 substrate
0,566	0,064	Sugar-phosphatase inhibitor	0,494	0,029	Spasmolytic
0,563	0,025	Platelet adhesion inhibitor	0,492	0,013	Chloride channel blocker
0,561	0,003	Lactoylglutathione lyase inhibitor	0,490	0,072	Mannotetraose 2-alpha-N-acetylglucosaminidase inhibitor
0,561	0,024	CYP2A substrate	0,489	0,029	AR expression inhibitor
0,560	0,010	1-Acylglycerol-3-phosphate O-acyltransferase inhibitor	0,487	0,023	Dolichyl-diphosphooligosaccharidyl transferase inhibitor
0,559	0,068	Taurine dehydrogenase inhibitor	0,484	0,011	Antiprotozoal
0,558	0,003	Thyroxine 5-deiodinase inhibitor	0,479	0,010	UGT1A8 substrate
0,557	0,004	Aryl hydrocarbon receptor agonist	0,477	0,038	Alkenylglycerophosphoethanolamine synthase inhibitor
0,556	0,004	HCV IRES inhibitor	0,474	0,042	Peroxidase inhibitor
0,553	0,006	CYP2A5 substrate	0,473	0,022	H+-exporting ATPase inhibitor
0,552	0,032	Alopecia treatment	0,472	0,024	Membrane permeability enhancer
0,550	0,030	Ecdysone 20-monooxygenase inhibitor	0,468	0,003	Hydroxysteroid dehydrogenase inhibitor
0,549	0,004	Estrogen antagonist	0,468	0,060	Lipid metabolism regulator
0,547	0,002	Creatine kinase inhibitor	0,467	0,006	Maltose-transporting ATPase inhibitor
0,547	0,011	Nitrite reductase [NAD(P)H] inhibitor	0,466	0,134	Phosphatase inhibitor
0,546	0,004	Estrogen receptor beta antagonist	0,465	0,037	Mucinamylserine mucinaminidase inhibitor
0,544	0,003	Telomerase inhibitor	0,464	0,012	NOS2 expression inhibitor
0,543	0,050	NADPH-cytochrome-c2 reductase inhibitor	0,461	0,041	5 Hydroxytryptamine release inhibitor
0,541	0,021	Radioprotector	0,457	0,052	Exoribonuclease II inhibitor
0,541	0,037	Nitrate reductase (cytochrome) inhibitor	0,455	0,004	Interleukin 4 antagonist
0,540	0,004	NF-E2-related factor 2 stimulant	0,455	0,009	Protein synthesis inhibitor
0,538	0,003	Melanin inhibitor	0,455	0,015	Wound healing agent
0,538	0,019	5 Hydroxytryptamine uptake stimulant	0,452	0,023	Myc inhibitor
0,537	0,009	CYP2G1 substrate	0,451	0,009	Antiviral (Hepatitis B)
0,537	0,059	NADPH peroxidase inhibitor	0,450	0,019	Antileukemic
0,536	0,027	CYP2A1 substrate	0,449	0,006	4-Alpha-glucanotransferase inhibitor
0,533	0,021	Cytostatic	0,449	0,065	Antineoplastic (non-Hodgkin's lymphoma)
0,531	0,011	Antiseptic	0,448	0,017	CF transmembrane conductance regulator
0,531	0,062	Ribulose-phosphate 3-epimerase inhibitor	0,447	0,045	CYP2B6 substrate
0,531	0,103	Nicotinic alpha6beta3beta4alpha5 receptor antagonist	0,444	0,021	RELA expression inhibitor
0,530	0,005	Maillard reaction inhibitor	0,443	0,018	Antineoplastic (lung cancer)
0,528	0,008	CYP3A7 substrate	0,442	0,078	UDP-N-acetylglucosamine 4-epimerase
0,527	0,042	Oxygen scavenger	0,437	0,028	CDP-diacylglycerol-serine O-phosphatase
0,525	0,003	15-Lipoxygenase inhibitor	0,435	0,073	MAP kinase stimulant
0,520	0,025	CYP2C19 substrate	0,434	0,045	Analeptic
0,516	0,011	2,3-Dihydroxyindole 2,3-dioxygenase inhibitor	0,433	0,105	General pump inhibitor
0,516	0,020	Antihypercholesterolemic	0,432	0,010	GDP-mannose 6-dehydrogenase inhibitor
0,515	0,043	CYP3A1 substrate	0,431	0,110	Ribulose-phosphate 3-epimerase
0,514	0,005	Estrogen agonist	0,428	0,010	Glucan 1,6-alpha-glucosidase inhibitor
0,514	0,028	CYP2F1 substrate	0,428	0,141	Pseudolysin inhibitor

0,512	0,011	UGT1A4 substrate	0,425	0,045	Vasodilator, coronary
0,512	0,067	Acetylcholine neuromuscular blocking	0,424	0,015	Polyribonucleotide nucleotidyltra
0,511	0,011	Hepatic disorders treatment	0,418	0,040	UGT2B12 substrate
0,509	0,052	Ovulation inhibitor	0,418	0,041	GABA aminotransferase inhibitor
0,505	0,018	4-Methoxybenzoate monooxygenase (0,417	0,022	Beta-carotene 15,15'-monooxyge
0,502	0,017	Glyoxylate oxidase inhibitor	0,416	0,002	Phosphatidylglycerol-membrane-
0,502	0,092	Glutamyl endopeptidase II inhibitor	0,416	0,036	P-glycoprotein substrate
0,501	0,012	GST M substrate	0,415	0,012	Antidiabetic symptomatic
0,501	0,029	TNF expression inhibitor	0,415	0,042	CYP1A2 substrate
0,500	0,011	Xenobiotic-transporting ATPase inhibit	0,410	0,003	Selectin P antagonist
0,499	0,028	Caspase 3 stimulant	0,408	0,013	Phospholipase A1 inhibitor
0,498	0,005	Antiviral (Hepatitis B)	0,407	0,026	CYP2A11 substrate
0,498	0,018	Gonadotropin antagonist	0,406	0,008	Aldose reductase substrate
0,498	0,044	Aminobutyraldehyde dehydrogenase ir	0,404	0,007	Apoptosis antagonist
0,497	0,010	2,6-Dihydroxypyridine 3-monooxygena	0,401	0,012	UGT2B15 substrate
0,493	0,004	Antidote	0,401	0,025	UGT1A6 substrate
0,491	0,075	Platelet aggregation stimulant	0,400	0,030	Cyclomaltodextrinase inhibitor
0,490	0,017	Mediator release inhibitor	0,399	0,028	DNA synthesis inhibitor
0,490	0,032	Antifungal	0,399	0,033	CYP19A1 expression inhibitor
0,490	0,085	Chlordecone reductase inhibitor	0,397	0,005	Beta-D-fucosidase inhibitor
0,489	0,027	CYP2B substrate	0,395	0,004	Oligo-1,6-glucosidase inhibitor
0,489	0,117	Phosphatase inhibitor	0,395	0,031	Fructan beta-fructosidase inhibito
0,488	0,050	Fatty-acyl-CoA synthase inhibitor	0,393	0,033	Antiparasitic
0,488	0,089	5-O-(4-coumaroyl)-D-quinic acid 3'-monoc	0,388	0,038	Mannose isomerase inhibitor
0,487	0,007	CYP2C6 substrate	0,388	0,093	CYP3A1 substrate
0,487	0,010	Choleretic	0,387	0,006	Alkaline phosphatase inhibitor
0,486	0,028	Vasodilator, coronary	0,385	0,006	[phosphorylase] phosphatase inhi
0,484	0,012	Antiviral (Herpes)	0,385	0,007	Interleukin 6 antagonist
0,483	0,023	CYP2E1 inducer	0,384	0,009	3-Methylbutanal reductase inhibiti
0,479	0,004	Pim-1 kinase inhibitor	0,384	0,008	Ceramide glucosyltransferase inhi
0,477	0,004	GABA C receptor antagonist	0,381	0,061	CYP2A6 substrate
0,477	0,061	Preneoplastic conditions treatment	0,380	0,011	(N-acetylneuraminy)-galactosylgl
0,477	0,064	UDP-N-acetylglucosamine 4-epimerase	0,378	0,125	27-Hydroxycholesterol 7alpha-mc
0,477	0,081	Mucositis treatment	0,377	0,022	Antitussive
0,475	0,124	Chymosin inhibitor	0,374	0,021	Hyaluronic acid agonist
0,475	0,124	Saccharopepsin inhibitor	0,371	0,016	Quercetin 2,3-dioxygenase inhibiti
0,475	0,124	Acrocylindropepsin inhibitor	0,368	0,009	Antibiotic
0,472	0,025	Vasodilator	0,366	0,043	Antituberculosic
0,471	0,025	3-Phytase inhibitor	0,365	0,004	Antihemorrhagic
0,471	0,033	Spasmolytic	0,365	0,007	Isoamylase inhibitor
0,470	0,009	CYP2A3 substrate	0,365	0,013	Peptidyltransferase inhibitor
0,469	0,028	Transcription factor STAT inhibitor	0,365	0,097	Antipruritic, allergic
0,468	0,013	UGT2B4 substrate	0,364	0,002	Selectin L antagonist
0,467	0,038	Nicotine dehydrogenase inhibitor	0,364	0,088	CYP2C substrate
0,466	0,003	Aldose reductase inhibitor	0,363	0,008	Testosterone 17beta-dehydrogen
0,465	0,006	CTGF expression inhibitor	0,363	0,017	UGT1A10 substrate
0,465	0,040	Nucleotide metabolism regulator	0,363	0,028	Prostate cancer treatment

0,462	0,028	Cis-1,2-dihydro-1,2-dihydroxynaphthal	0,362	0,009	Antimycoplasmal
0,461	0,083	General pump inhibitor	0,361	0,076	Cholesterol antagonist
0,460	0,022	CYP2E substrate	0,359	0,009	Lactoylglutathione lyase inhibitor
0,458	0,029	Chemotherapeutic	0,359	0,124	CYP2C12 substrate
0,458	0,093	Phthalate 4,5-dioxygenase inhibitor	0,358	0,007	CYP1B1 inhibitor
0,456	0,004	CYP1B1 substrate	0,356	0,016	Alcohol dehydrogenase (NADP+) i
0,456	0,059	Antipruritic, allergic	0,355	0,024	Licheninase inhibitor
0,455	0,049	CYP2C8 substrate	0,355	0,029	Glycine-tRNA ligase inhibitor
0,455	0,117	Fusarinine-C ornithinesterase inhibitor	0,355	0,095	CYP2C8 substrate
0,454	0,056	Membrane integrity antagonist	0,354	0,004	Glycosylceramidase inhibitor
0,451	0,003	SULT1E1 substrate	0,354	0,059	Antiprotozoal (Trypanosoma)
0,451	0,120	Glycosylphosphatidylinositol phospholi	0,352	0,005	Antineoplastic antibiotic
0,450	0,026	Sulfite oxidase inhibitor	0,352	0,021	D-threo-aldose 1-dehydrogenase
0,447	0,005	Antineoplastic (small cell lung cancer)	0,349	0,002	Aldose 1-epimerase inhibitor
0,447	0,052	Linoleate diol synthase inhibitor	0,349	0,085	Cyclic AMP phosphodiesterase inf
0,446	0,002	Phosphoenolpyruvate carboxylase inhi	0,348	0,033	Antitoxic
0,446	0,014	Antiprotozoal	0,347	0,020	Alcohol dehydrogenase [NAD(P)+]
0,444	0,031	Menopausal disorders treatment	0,346	0,042	Antiprotozoal (Amoeba)
0,444	0,041	Antiallergic	0,345	0,023	RNA directed DNA polymerase inf
0,443	0,066	Thromboxane B2 antagonist	0,345	0,072	Fucoesterol-epoxide lyase inhibitor
0,442	0,029	Peptide alpha-N-acetyltransferase inhi	0,345	0,094	CYP2C9 substrate
0,439	0,018	Non-steroidal antiinflammatory agent	0,344	0,014	Antineoplastic (small cell lung can
0,439	0,029	P-benzoquinone reductase (NADPH) in	0,344	0,047	CYP1A inhibitor
0,437	0,134	Calcium channel (voltage-sensitive) act	0,343	0,074	MMP9 expression inhibitor
0,436	0,004	MAO inhibitor	0,343	0,083	CYP2A4 substrate
7 0,436	0,037	N-hydroxyarylamine O-acetyltransfera	0,343	0,151	Antinociceptive
0,436	0,072	1,4-Lactonase inhibitor	0,342	0,015	Laminaribiose phosphorylase inhi
0,435	0,005	Alkaline phosphatase inhibitor	0,341	0,010	Topoisomerase I inhibitor
0,435	0,020	Quinoprotein glucose dehydrogenase i	0,341	0,010	CYP19 inhibitor
0,433	0,023	CYP2E1 substrate	0,336	0,013	Glutathione S-transferase substra
0,432	0,017	Prostate cancer treatment	0,336	0,029	Dolichyl-phosphate beta-glucosylt
0,431	0,007	P-glycoprotein inhibitor	0,335	0,024	Glucan 1,4-beta-glucosidase inhib
0,428	0,017	CYP2B11 substrate	0,333	0,020	Glycogen (starch) synthase inhibit
0,428	0,022	Hydroxylamine reductase (NADH) inhi	0,331	0,027	Choleretic
0,428	0,039	Caspase 8 stimulant	0,331	0,073	Dermatologic
0,426	0,080	Fructose 5-dehydrogenase inhibitor	0,329	0,023	Vascular dementia treatment
0,425	0,067	Sulfur reductase inhibitor	0,328	0,055	CYP1A2 inhibitor
0,425	0,144	Pseudolysin inhibitor	0,328	0,163	Heat shock protein 27 antagonist
0,424	0,010	Proto-oncogene tyrosine-protein kinas	0,327	0,009	Beta-glucosidase inhibitor
0,421	0,034	Antimycobacterial	0,327	0,042	DNA polymerase I inhibitor
0,420	0,026	Antituberculosic	0,325	0,188	Fibrinolytic
0,419	0,035	NADPH-ferrihemoprotein reductase inl	0,324	0,018	Cerebroside-sulfatase inhibitor
0,418	0,023	Antileukemic	0,323	0,007	Gout treatment
0,418	0,043	Aryl-acylamidase inhibitor	0,323	0,067	H+-transporting two-sector ATPas
0,417	0,001	Fatty acid synthase inhibitor	0,323	0,080	CYP2A substrate
0,417	0,003	SULT1A1 substrate	0,322	0,027	Alpha-amylase inhibitor
0,417	0,017	Angiogenesis stimulant	0,322	0,066	Antipsoriatic

0,417	0,113	Protein-disulfide reductase (glutathion	0,321	0,011	Neurotrophic factor enhancer
0,416	0,058	3-Hydroxybenzoate 6-monooxygenase	0,321	0,090	Antihelmintic (Nematodes)
0,414	0,066	CYP2D16 substrate	0,319	0,004	SMN2 expression enhancer
0,412	0,060	Aspartate-phenylpyruvate transaminas	0,319	0,045	Endopeptidase La inhibitor
0,410	0,055	CYP2D6 substrate	0,318	0,061	Immunomodulator
0,410	0,113	Electron-transferring-flavoprotein deh	0,317	0,016	Protein-synthesizing GTPase inhib
0,409	0,002	NAD(P)H dehydrogenase (quinone) inh	0,315	0,070	Nitrite reductase [NAD(P)H] inhibi
0,408	0,036	Antiprotozoal (Trypanosoma)	0,313	0,036	Adenosine regulator
0,408	0,057	Lactase inhibitor	0,311	0,033	Antiuremic
0,407	0,005	Lipoxygenase inhibitor	0,311	0,085	CYP17 inhibitor
0,407	0,058	Malate dehydrogenase (acceptor) inhib	0,310	0,049	Levanase inhibitor
0,406	0,094	Lysase inhibitor	0,307	0,010	Estrone sulfotransferase inhibitor
0,405	0,016	3-Demethylubiquinone-9 3-O-methyltr	0,306	0,054	Antineoplastic (pancreatic cancer)
0,404	0,044	EIF4E expression inhibitor	0,304	0,023	CYP1A1 inhibitor
0,403	0,005	MO15-related protein kinase Pfmrk inl	0,303	0,005	2-Dehydropantolactone reductase
0,403	0,008	Phloroglucinol reductase inhibitor	0,301	0,036	Anthranilate-CoA ligase inhibitor
0,403	0,046	Antiviral (Influenza)	0,299	0,016	Sucrose-phosphate synthase inhibi
0,403	0,058	Mannan endo-1,4-beta-mannosidase ir	0,299	0,020	Ganglioside galactosyltransferase
0,399	0,004	Sepiapterin reductase inhibitor	0,292	0,124	Calcium regulator
0,399	0,023	Antiosteoporotic	0,290	0,011	Estrogen agonist
0,398	0,006	Laxative	0,290	0,017	Cellulase inhibitor
0,398	0,080	Trimethylamine-oxide aldolase inhibitc	0,290	0,018	Glycerol dehydrogenase (NADP+)
0,397	0,023	Magnesium-protoporphyrin IX monom	0,290	0,030	ATPase stimulant
0,396	0,025	Cytochrome P450 inhibitor	0,289	0,019	Aldehyde dehydrogenase inhibito
0,396	0,095	Carboxypeptidase Taq inhibitor	0,288	0,024	Antineoplastic (melanoma)
0,395	0,054	Mycothioli-S-conjugate amidase inhibi	0,287	0,014	SULT1E1 substrate
0,395	0,067	Manganese peroxidase inhibitor	0,284	0,049	Thyroxine 5-deiodinase inhibitor
0,395	0,090	(R)-6-hydroxynicotine oxidase inhibitor	0,283	0,005	Diacylglycerol kinase inhibitor
0,394	0,002	Breast cancer-resistant protein inhibiti	0,283	0,027	Antineoplastic (lymphoma)
0,394	0,004	Gout treatment	0,283	0,044	Lactose synthase inhibitor
0,393	0,008	CYP2A10 substrate	0,282	0,016	CYP1B1 substrate
0,393	0,012	UGT2B28 substrate	0,281	0,014	Antineoplastic (squamous cell car
0,393	0,108	Antidyskinetic	0,280	0,026	Expectorant
0,392	0,059	CYP2D substrate	0,280	0,151	JAK2 expression inhibitor
0,392	0,071	Respiratory analeptic	0,279	0,097	Chitinase inhibitor
0,391	0,032	Salicylate 1-monooxygenase inhibitor	0,278	0,062	Undecaprenyl-phosphate mannos
0,389	0,053	GABA aminotransferase inhibitor	0,277	0,022	CYP2A10 substrate
0,389	0,099	Leukopoiesis stimulant	0,274	0,017	Endo-1,4-beta-xylanase inhibitor
0,388	0,004	Estradiol 17 beta dehydrogenase inhibi	0,274	0,140	Glucan endo-1,6-beta-glucosidase
0,388	0,063	Rubredoxin-NAD+ reductase inhibitor	0,273	0,082	Undecaprenyldiphospho-muramo
0,388	0,090	Alkenylglycerophosphocholine hydrola	0,272	0,005	Radical formation agonist
0,387	0,011	2-Nitropropane dioxygenase inhibitor	0,272	0,013	Topoisomerase II inhibitor
0,387	0,033	Antibacterial	0,271	0,023	Antineoplastic (cervical cancer)
0,387	0,076	5 Hydroxytryptamine release stimulant	0,270	0,037	Cellulose 1,4-beta-cellobiosidase i
0,386	0,004	Cystathionine beta-synthase inhibitor	0,270	0,155	Ecdysone 20-monooxygenase inhi
0,386	0,004	Dual specificity phosphatase 1 inhibito	0,266	0,043	Antineoplastic (colorectal cancer)
0,386	0,053	Arylsulfate sulfotransferase inhibitor	0,266	0,087	Macrophage stimulant

0,385	0,044	Leukotriene-C4 synthase inhibitor	0,266	0,123	Antineoplastic (multiple myeloma)
0,385	0,085	CYP2D15 substrate	0,265	0,089	CYP2C11 substrate
0,385	0,155	Acute neurologic disorders treatment	0,264	0,029	1,4-Alpha-glucan branching enzym
0,384	0,104	Octopamine antagonist	0,263	0,027	CYP1B substrate
0,384	0,248	Phobic disorders treatment	0,263	0,052	Antiviral
0,383	0,039	Formate-dihydrofolate ligase inhibitor	0,260	0,045	N-acetyllactosaminide beta-1,3-N
0,383	0,133	Macrophage colony stimulating factor	0,258	0,023	DNA directed RNA polymerase inf
0,382	0,028	Opioid kappa 3 receptor antagonist	0,258	0,130	Antineoplastic (solid tumors)
0,381	0,035	Antiparasitic	0,257	0,028	ATPase inhibitor
0,380	0,016	Vascular (periferal) disease treatment	0,257	0,184	Beta-adrenergic receptor kinase ii
0,380	0,065	Hydroxylamine oxidase inhibitor	0,257	0,184	G-protein-coupled receptor kinase
0,380	0,173	Nicotinic alpha4beta4 receptor agonist	0,256	0,006	Cytokine release inhibitor
0,379	0,024	Myosin ATPase inhibitor	0,256	0,162	Antipruritic
0,379	0,034	Threonine aldolase inhibitor	0,254	0,029	Aryl-alcohol dehydrogenase (NAD
0,378	0,002	Demethylsterigmatocystin 6-O-methyl	0,254	0,042	Antineoplastic (colon cancer)
0,378	0,004	Gastritis treatment	0,253	0,016	Transcription factor NF kappa B in
0,377	0,046	Retinoic acid metabolism inhibitor	0,252	0,055	Antineoplastic (brain cancer)
0,376	0,040	Dextranase inhibitor	0,251	0,015	Alpha,alpha-trehalase inhibitor
0,375	0,062	FMO1 substrate	0,250	0,047	UGT2B7 substrate
0,375	0,064	Glycerol-3-phosphate oxidase inhibitor	0,250	0,059	Anthelmintic
0,373	0,120	Glucan endo-1,3-beta-D-glucosidase in	0,250	0,125	Phosphoinositide 5-phosphatase i
0,372	0,004	Cyclin-dependent kinase 6 inhibitor	0,250	0,222	CDK9/cyclin T1 inhibitor
0,372	0,014	Phenol 2-monooxygenase inhibitor	0,249	0,084	CYP2B substrate
0,372	0,033	Clavamate synthase inhibitor	0,249	0,106	CYP2A5 substrate
0,372	0,065	Gamma-guanidinobutyraldehyde dehy	0,248	0,240	Glutamate-5-semialdehyde dehy
0,372	0,112	Phosphatidylcholine-retinol O-acyltran	0,248	0,247	Gastrin inhibitor
0,370	0,017	CYP1A2 inducer	0,247	0,012	Creatine kinase inhibitor
0,370	0,034	Hyponitrite reductase inhibitor	0,246	0,030	Antineoplastic (sarcoma)
0,369	0,020	RNA directed DNA polymerase inhibito	0,246	0,221	Glycerol-3-phosphate oxidase inh
0,369	0,079	Glucose oxidase inhibitor	0,245	0,017	NADH dehydrogenase inhibitor
0,369	0,135	Phospholipid-translocating ATPase inhi	0,244	0,009	Beta-fructofuranosidase inhibitor
0,368	0,005	Catechol 1,2-dioxygenase inhibitor	0,244	0,040	UGT1A3 substrate
0,366	0,044	CYP7 inhibitor	0,243	0,064	Transactivator transcription prote
0,365	0,008	Antiprotozoal (Plasmodium)	0,242	0,013	Alpha-L-rhamnosidase inhibitor
0,364	0,013	Anti-Helicobacter pylori	0,241	0,007	Niemann-Pick C1-like 1 protein an
0,362	0,060	Anthelmintic (Nematodes)	0,241	0,009	Phosphogluconate dehydrogenasi
0,362	0,113	Acylcarnitine hydrolase inhibitor	0,241	0,048	Interleukin 10 agonist
0,362	0,137	Antinociceptive	0,240	0,004	Galactosylceramidase inhibitor
0,361	0,022	Antiuremic	0,240	0,026	Dual specificity phosphatase 1 inh
0,361	0,031	Linoleoyl-CoA desaturase inhibitor	0,236	0,107	4-Nitrophenylphosphatase inhibit
0,360	0,025	Antitussive	0,235	0,036	Thrombolytic
0,360	0,093	Arginine 2-monooxygenase inhibitor	0,234	0,046	P-glycoprotein inhibitor
0,360	0,211	Polyporopepsin inhibitor	0,233	0,028	Glucosyl transferase inhibitor
0,359	0,003	Estradiol 17 beta dehydrogenase 2 inhi	0,232	0,225	Vasodilator, peripheral
0,359	0,106	Antihypoxic	0,231	0,025	UGT2B18 substrate
0,358	0,003	MAO A inhibitor	0,231	0,028	Beta-mannosidase inhibitor
0,358	0,014	Gentisate 1,2-dioxygenase inhibitor	0,229	0,009	Pyruvate kinase inhibitor

0,358	0,020	UGT2B7 substrate	0,227	0,006	Antibiotic Anthracycline-like
0,358	0,031	Bone diseases treatment	0,226	0,097	UGT2B4 substrate
0,358	0,062	Glucan 1,4-alpha-maltotriohydrolase ir	0,225	0,001	MAP-kinase-activated kinase 1 inf
0,358	0,131	Limulus clotting factor B inhibitor	0,225	0,144	Antiprotozoal (Coccidial)
0,357	0,034	Indanol dehydrogenase inhibitor	0,223	0,021	Riboflavin phosphotransferase inf
0,356	0,010	Dual specificity phosphatase inhibitor	0,223	0,066	Phosphatidylglycerophosphatase
0,356	0,022	Photosensitizer	0,221	0,098	CYP3A4 inhibitor
0,356	0,099	Hydrogen dehydrogenase inhibitor	0,220	0,026	Antineoplastic (carcinoma)
0,355	0,030	Antineoplastic (lung cancer)	0,220	0,162	Cystic fibrosis treatment
0,354	0,093	Acetylgalactosaminyl-O-glycosyl-glycoç	0,218	0,008	Cellobiose phosphorylase inhibito
0,354	0,105	GST A substrate	0,217	0,003	Glucan 1,4-alpha-glucosidase inhi
0,354	0,116	Alkylacetyllycerophosphatase inhibito	0,217	0,118	ATP phosphoribosyltransferase in
0,352	0,012	Glutathione S-transferase substrate	0,216	0,026	Psychosexual dysfunction treatme
0,352	0,104	Pterin deaminase inhibitor	0,215	0,126	Chitosanase inhibitor
0,352	0,137	Chloride peroxidase inhibitor	0,214	0,035	Alpha-N-arabinofuranosidase inhi
0,351	0,017	Mcl-1 antagonist	0,210	0,033	Iodide peroxidase inhibitor
0,351	0,026	Dihydroxy-acid dehydratase inhibitor	0,209	0,113	Transcription factor inhibitor
0,351	0,093	CYP3A5 substrate	0,209	0,168	N-acylmannosamine kinase inhibi
0,351	0,109	Vasodilator, peripheral	0,209	0,177	Antiallergic
0,351	0,152	Nicotinic alpha2beta2 receptor antago	0,208	0,035	Antineoplastic (ovarian cancer)
0,350	0,022	Vitamin-K-epoxide reductase (warfarin	0,205	0,088	Antineoplastic enhancer
0,348	0,004	HIV-1 integrase (3'-Processing) inhibito	0,204	0,041	Protein kinase stimulant
0,348	0,043	Glycerol-3-phosphate dehydrogenase i	0,203	0,055	Cerebrovascular disorders treatme
0,348	0,164	Ompin inhibitor	0,203	0,177	CYP2B5 substrate
0,347	0,081	CYP3A3 substrate	0,202	0,005	Interleukin 12 agonist
0,347	0,126	Venombin AB inhibitor	0,202	0,021	UDP-glucose 4-epimerase inhibito
0,346	0,013	CYP2C8 inducer	0,202	0,139	Pancreatic ribonuclease inhibitor
0,345	0,002	Enoyl-[acyl-carrier-protein] reductase (0,201	0,004	Selectin antagonist
0,345	0,029	Peroxidase substrate	0,200	0,095	Sclerosant
0,345	0,033	RNA synthesis inhibitor	0,198	0,048	CYP2C8 inducer
8 0,344	0,088	Immunosuppressant	0,196	0,011	MAP-kinase-activated kinase inhit
0,343	0,069	Prostaglandin-A1 DELTA-isomerase inh	0,196	0,059	Phenylacetate-CoA ligase inhibito
0,342	0,005	Protein kinase stimulant	0,196	0,135	Anti-Helicobacter pylori
0,342	0,011	UGT2B1 substrate	0,195	0,007	NOS3 expression enhancer
0,342	0,061	tRNA-pseudouridine synthase I inhibito	0,195	0,131	Antiprotozoal (Trichomonas)
0,341	0,025	Glutaminase inhibitor	0,193	0,065	Growth stimulant
0,341	0,282	Nootropic	0,193	0,087	Antineoplastic (non-small cell lung
0,340	0,056	4-Hydroxymandelate oxidase inhibitor	0,192	0,185	Hydroxylamine reductase (NADH)
0,340	0,129	Apyrase inhibitor	0,191	0,034	Chitin synthase inhibitor
0,339	0,008	P-glycoprotein 1 inhibitor	0,191	0,189	Peptide-N4-(N-acetyl-beta-glucos
0,339	0,108	Pancreatic elastase inhibitor	0,188	0,010	Glycoprotein-fucosylgalactoside a
0,339	0,111	Neuropeptide Y4 antagonist	0,188	0,085	Interleukin antagonist
0,337	0,006	Antifibrinolytic	0,184	0,004	Protein 30S ribosomal subunit inh
0,337	0,032	ICAM1 expression inhibitor	0,184	0,034	Xylose isomerase inhibitor
0,336	0,014	Antineoplastic (cervical cancer)	0,184	0,063	IgA-specific metalloendopeptidas
0,336	0,062	Vanilloid 1 agonist	0,184	0,174	Myosin ATPase inhibitor
0,336	0,088	Cytochrome P450 stimulant	0,183	0,004	Opioid mu 2 receptor antagonist

0,335	0,004	HIV-1 integrase (Strand Transfer) inhibitor	0,182	0,052	Galactokinase inhibitor
0,335	0,094	Cyclic AMP phosphodiesterase inhibitor	0,182	0,089	Mucolytic
0,334	0,010	Transcription factor NF kappa B inhibitor	0,181	0,009	Dextranucrase inhibitor
0,334	0,047	Cardiovascular analeptic	0,181	0,077	Antirickettsial
0,333	0,046	Corticosteroid side-chain-isomerase inhibitor	0,181	0,118	Diuretic
0,332	0,012	Cell wall biosynthesis inhibitor	0,180	0,004	Histone deacetylase SIRT2 stimulator
0,332	0,062	Nitrite reductase (NO-forming) inhibitor	0,177	0,087	Protein-Npi-phosphohistidine-sugar transferase
0,331	0,054	N-methylhydantoinase (ATP-hydrolysis) inhibitor	0,176	0,053	Ethanolaminephosphotransferase
0,331	0,088	Antipruritic	0,176	0,064	Antineoplastic (renal cancer)
0,331	0,088	Peptidoglycan glycosyltransferase inhibitor	0,176	0,125	Histidinol dehydrogenase inhibitor
0,329	0,100	S-formylglutathione hydrolase inhibitor	0,175	0,022	Phosphorylase b inhibitor
0,328	0,004	HIV-1 integrase inhibitor	0,175	0,031	Interferon antagonist
0,328	0,065	Lysostaphin inhibitor	0,175	0,039	Protein-glycosylgalactosylhydroxylase
0,328	0,098	Amine dehydrogenase inhibitor	0,175	0,086	Nitrate reductase inhibitor
0,327	0,011	Topoisomerase I inhibitor	0,173	0,031	Dolichyl-phosphate beta-D-mannose 4-epimerase
0,327	0,018	Transcription factor NF kappa A inhibitor	0,173	0,091	2-Enoate reductase inhibitor
0,327	0,024	MAP kinase kinase 4 inhibitor	0,172	0,154	Coccolysin inhibitor
0,327	0,110	Dementia treatment	0,170	0,119	Antihypotensive
0,327	0,127	Spasmolytic, urinary	0,169	0,038	Antineoplastic (gastric cancer)
0,325	0,038	Antipyretic	0,168	0,017	Antitreponemal
0,325	0,045	Succinate-semialdehyde dehydrogenase inhibitor	0,168	0,076	Sterol 3-beta-glycosyltransferase
0,325	0,093	Formaldehyde transketolase inhibitor	0,168	0,103	Mucorpepsin inhibitor
0,325	0,095	Analeptic	0,167	0,003	Sucrose alpha-glucosidase inhibitor
0,324	0,010	Histidine decarboxylase inhibitor	0,167	0,082	Ca2+/calmodulin-dependent protein kinase II
0,324	0,013	Keratolytic	0,166	0,111	Alpha-N-acetylglucosaminidase inhibitor
0,324	0,013	Antineoplastic (sarcoma)	0,165	0,004	Fatty acid synthase inhibitor
0,324	0,082	Mucinaminylserine mucinaminidase inhibitor	0,165	0,007	Protein 50S ribosomal subunit inhibitor
0,324	0,153	Erythropoiesis stimulant	0,165	0,026	Estrogen antagonist
0,323	0,041	CYP2B10 substrate	0,165	0,054	Alcohol dehydrogenase inhibitor
0,323	0,054	4-Hydroxyphenylacetate 3-monooxygenase inhibitor	0,164	0,070	Antineoplastic (glioma)
0,322	0,036	Glycerol 2-dehydrogenase (NADP+) inhibitor	0,162	0,013	Telomerase inhibitor
0,322	0,086	Alkenylglycerophosphoethanolamine hydrolase	0,161	0,031	Dry eye syndrome treatment
0,322	0,111	CYP4A11 substrate	0,160	0,109	Antineoplastic (bladder cancer)
0,321	0,004	UGT2B20 substrate	0,160	0,126	Antiprotozoal (Toxoplasma)
0,321	0,083	Antiulcerative	0,157	0,026	Glycoprotein 3-alpha-L-fucosyltransferase
0,321	0,106	Spermidine dehydrogenase inhibitor	0,157	0,082	4-Hydroxybenzoate nonaprenyltransferase
0,320	0,021	CYP2B2 substrate	0,153	0,145	Antineoplastic (glioblastoma multiforme)
0,320	0,056	Antinephritic	0,152	0,028	Cystathionine beta-synthase inhibitor
0,319	0,038	CDP-diacylglycerol-glycerol-3-phosphate transferase	0,152	0,031	Antineoplastic (uterine cancer)
0,319	0,134	Lysine 2,3-aminomutase inhibitor	0,152	0,035	Antineoplastic, alkylator
0,317	0,011	Protein phosphatase inhibitor	0,152	0,040	UDP-N-acetylglucosamine-dolichyl transferase
0,317	0,055	Carbon-monoxide dehydrogenase inhibitor	0,152	0,078	Pim-1 kinase inhibitor
0,317	0,120	Dimethylargininase inhibitor	0,151	0,015	Mycodextranase inhibitor
0,316	0,029	Sweetener	0,151	0,042	Glycosylphosphatidylinositol diacylglycerol transferase
0,316	0,084	CYP2C18 substrate	0,151	0,048	Isovaleryl-CoA dehydrogenase inhibitor
0,316	0,090	Antiinfective	0,151	0,064	Peristaltic stimulant
0,315	0,025	Vomilenine glycosyltransferase inhibitor	0,149	0,112	ADP-ribosylarginine hydrolase inhibitor

0,315	0,030	Prunasin beta-glucosidase inhibitor	0,148	0,011	Beta galactosidase inhibitor
0,315	0,046	Tyrosine 3 hydroxylase inhibitor	0,147	0,024	Isomaltulose synthase inhibitor
0,314	0,010	Guanosine-3',5'-bis(diphosphate) 3'-di	0,147	0,049	Diacylglycerol cholinephosphotrai
0,314	0,060	Para amino benzoic acid antagonist	0,147	0,083	Myosin-light-chain-phosphatase ii
0,314	0,091	L-glutamate oxidase inhibitor	0,146	0,040	Heparan-alpha-glucosaminide N-a
0,313	0,024	Apoptosis antagonist	0,145	0,020	Sucrose synthase inhibitor
0,313	0,039	Tryptophan 2,3-dioxygenase inhibitor	0,143	0,009	Alpha-1,6-mannosyl-glycoprotein
0,313	0,095	Gluconate 5-dehydrogenase inhibitor	0,143	0,009	3-Oxoacyl-[acyl-carrier-protein] sy
0,312	0,088	Glyoxylate reductase inhibitor	0,142	0,004	Galectin 3 antagonist
0,312	0,092	(S)-6-hydroxynicotine oxidase inhibitor	0,142	0,078	Inositol oxygenase inhibitor
0,312	0,102	N-acetylneuraminate 7-O(or 9-O)-acet	0,140	0,017	Amylo-alpha-1,6-glucosidase inhi
0,311	0,042	CYP2C29 substrate	0,140	0,028	SULT1A3 substrate
0,311	0,138	Fibrolase inhibitor	0,140	0,046	Dihydropyrimidine dehydrogenas
0,310	0,028	Fumarate reductase (NADH) inhibitor	0,139	0,126	Nitric oxide scavenger
0,309	0,004	Pim kinase inhibitor	0,138	0,056	Interferon gamma antagonist
0,309	0,010	Protein-tyrosine phosphatase inhibitor	0,137	0,004	Opioid mu 1 receptor antagonist
0,309	0,101	Phenol O-methyltransferase inhibitor	0,137	0,047	UDP-glucose-hexose-1-phosphate
0,308	0,011	UGT2B18 substrate	0,137	0,136	UGT2B28 substrate
0,308	0,044	Carminative	0,136	0,080	Antidiabetic (type 1)
0,308	0,095	Cyanoalanine nitrilase inhibitor	0,135	0,025	Squalene epoxidase inhibitor
0,308	0,114	Thymidylate 5'-phosphatase inhibitor	0,135	0,087	VCAM1 expression inhibitor
0,308	0,118	Cl--transporting ATPase inhibitor	0,135	0,112	Paraoxonase substrate
0,307	0,004	Hypoxia inducible factor 1 alpha inhibit	0,134	0,045	Antispirochetal
0,307	0,072	Antineoplastic (multiple myeloma)	0,134	0,050	DNA directed DNA polymerase inf
0,307	0,096	(R)-Pantolactone dehydrogenase (flavi	0,133	0,005	Amylosucrase inhibitor
0,306	0,132	Fragilysin inhibitor	0,133	0,073	Protein-tyrosine sulfotransferase
0,305	0,004	Estrogen beta receptor agonist	0,132	0,017	12-Lipoxygenase inhibitor
0,304	0,077	Phosphopantothenoylcysteine decarbc	0,131	0,017	T cell inhibitor
0,303	0,068	Antiinflammatory, intestinal	0,131	0,026	Galactosylgalactosylglucosylceran
0,303	0,108	Malate oxidase inhibitor	0,131	0,081	Cholesterol synthesis inhibitor
0,302	0,002	CYP26 inhibitor	0,130	0,018	Glycine receptor antagonist
0,302	0,061	DNA polymerase I inhibitor	0,130	0,094	Antiviral (HIV)
0,302	0,063	Skeletal muscle relaxant	0,129	0,019	NAD(P)H dehydrogenase (quinone
0,302	0,100	Exoribonuclease II inhibitor	0,129	0,090	Corticosteroid antagonist
0,301	0,082	3-Cyanoalanine hydratase inhibitor	0,127	0,020	HIV-1 integrase inhibitor
0,300	0,041	Protein-Npi-phosphohistidine-sugar ph	0,127	0,039	Rhodopsin kinase inhibitor
0,299	0,024	CYP2A6 inhibitor	0,126	0,115	Keratolytic
0,299	0,110	Muscular dystrophy treatment	0,125	0,031	Interleukin 10 antagonist
0,298	0,019	Phenylpyruvate decarboxylase inhibito	0,125	0,048	Galactoside 2-alpha-L-fucosyltran
0,298	0,038	Antihelmintic	0,125	0,082	Glycine receptor agonist
0,298	0,053	Arylacetonitrilase inhibitor	0,125	0,116	Serratia marcescens nuclease inhi
0,298	0,068	Pyruvate decarboxylase inhibitor	0,124	0,019	HIV-1 integrase (3'-Processing) inf
0,298	0,116	Sphinganine kinase inhibitor	0,123	0,019	HIV-1 integrase (Strand Transfer) i
0,296	0,018	3,4-Dihydroxy-9,10-secoandrosta-1,3,5	0,123	0,072	Phospholipase inhibitor
0,295	0,049	Steroid synthesis inhibitor	0,123	0,100	Hexokinase inhibitor
0,295	0,078	Chitosanase inhibitor	0,121	0,110	Phloroglucinol reductase inhibitor
0,295	0,113	Tpr proteinase (Porphyromonas gingiv	0,121	0,117	Diabetic retinopathy treatment

0,294	0,011	Topoisomerase II inhibitor	0,120	0,039	1,5-Anhydro-D-fructose reductase
0,294	0,025	CYP2B1 substrate	0,120	0,044	Phosphofructokinase-1 inhibitor
0,294	0,046	Ferredoxin hydrogenase inhibitor	0,120	0,062	Glutamate release inhibitor
0,294	0,086	Methylenetetrahydrofolate reductase	0,118	0,034	Sphingomyelinase inhibitor
0,294	0,086	Naphthalene 1,2-dioxygenase inhibitor	0,118	0,084	Antithyroid 8
0,294	0,086	Ferredoxin-NAD+ reductase inhibitor	0,118	0,108	2-Acylglycerol O-acyltransferase ii
0,293	0,076	Mannose isomerase inhibitor	0,117	0,008	1,3-Beta-glucan synthase inhibitor
0,292	0,115	Membrane permeability enhancer	0,117	0,083	CYP19 substrate
0,291	0,042	D-amino-acid dehydrogenase inhibitor	0,115	0,026	Gentamicin 2''-nucleotidyltransferase
0,291	0,152	Antimyopathies	0,115	0,077	Mannose-6-phosphate isomerase
0,290	0,014	Iduronate-2-sulfatase inhibitor	0,114	0,004	Antibiotic Aminoglycoside-like
0,290	0,104	Myc inhibitor	0,114	0,093	FMN reductase inhibitor
0,289	0,016	Neurotrophic factor enhancer	0,113	0,013	Chalcone isomerase inhibitor
0,289	0,112	Cancer associated disorders treatment	0,113	0,033	Antiviral (Trachoma)
0,289	0,117	Polyamine-transporting ATPase inhibitor	0,113	0,037	Beta-amylase inhibitor
0,288	0,004	MAO B inhibitor	0,112	0,073	Fructose-2,6-bisphosphate 2-phosphate
0,288	0,010	Biphenyl-2,3-diol 1,2-dioxygenase inhibitor	0,111	0,041	CDC25A inhibitor
0,288	0,027	(S)-3-hydroxyacid ester dehydrogenase	0,110	0,005	Aldehyde dehydrogenase 1A2 inhibitor
0,288	0,034	Malate dehydrogenase inhibitor	0,110	0,039	Antifungal enhancer
0,288	0,095	Dolichyl-diphosphooligosaccharide-precursor	0,110	0,044	Ketohexokinase inhibitor
0,288	0,247	Heat shock protein 27 antagonist	0,109	0,077	Galacturan 1,4-alpha-galacturonic acid
0,287	0,039	Antineoplastic (colorectal cancer)	0,109	0,092	UGT2B1 substrate
0,287	0,174	2-Dehydropantoate 2-reductase inhibitor	0,108	0,008	Lipase inhibitor
0,286	0,005	Antithyroid	0,107	0,029	Inositol-3-phosphate synthase inhibitor
0,286	0,063	NADH kinase inhibitor	0,106	0,003	Sodium/glucose cotransporter inhibitor
0,286	0,091	Phosphatidylinositol diacylglycerol-lyase	0,106	0,027	Alpha-L-fucosidase inhibitor
0,286	0,121	Histidine N-acetyltransferase inhibitor	0,106	0,028	Alternansucrase inhibitor
0,285	0,020	Aldehyde dehydrogenase inhibitor	0,104	0,019	DNA repair enzyme inhibitor
0,285	0,042	Antiperistaltic	0,103	0,026	Adenine nucleotide translocase inhibitor
0,285	0,095	Nicotinate dehydrogenase inhibitor	0,103	0,084	Poly(ADP-ribose) glycohydrolase inhibitor
0,284	0,162	Cyclic AMP agonist	0,102	0,018	Alpha,alpha-phosphotrehalase inhibitor
0,283	0,061	Fructan beta-fructosidase inhibitor	0,101	0,053	Cyclin-dependent kinase 6 inhibitor
0,282	0,068	Long-chain-aldehyde dehydrogenase inhibitor	0,100	0,090	Phospholipase A2 inhibitor
0,282	0,074	Monodehydroascorbate reductase (NADPH)	0,098	0,010	Estrogen beta receptor agonist
0,282	0,084	CYP4A substrate	0,097	0,011	UDP-N-acetylglucosamine-lysosomal
0,282	0,215	Gastrin inhibitor	0,097	0,068	Glycerol-3-phosphate dehydrogenase
0,281	0,004	Heat shock protein antagonist	0,096	0,065	Triose-phosphate isomerase inhibitor
0,281	0,018	UGT2B9 substrate	0,095	0,033	Alpha,alpha-trehalose-phosphate
0,281	0,021	2,5-Dihydroxypyridine 5,6-dioxygenase	0,095	0,067	SULT1A1 substrate
0,281	0,024	Alkylator	0,095	0,089	Demethylsterigmatocystin 6-O-methyl
0,281	0,081	Inotropic	0,094	0,053	Estrogen receptor beta antagonist
0,280	0,010	Tubulin antagonist	0,094	0,075	Cholestenone 5alpha-reductase inhibitor
0,280	0,017	Leukotriene synthesis inhibitor	0,094	0,083	Globoside alpha-N-acetylgalactosaminase
0,279	0,039	UGT2B17 substrate	0,093	0,015	Mannosyl-oligosaccharide glucosyltransferase
0,279	0,078	Cyclomaltodextrinase inhibitor	0,093	0,067	Heat shock protein antagonist
0,279	0,098	Chenodeoxycholytaurine hydrolase inhibitor	0,093	0,075	Lysozyme inhibitor
0,278	0,133	Sulfite dehydrogenase inhibitor	0,093	0,077	Glyceraldehyde-3-phosphate dehydrogenase

0,278	0,147	Simian immunodeficiency virus protein	0,092	0,003	Sodium/glucose cotransporter 1 i
0,277	0,102	Alcohol dehydrogenase (acceptor) inhi	0,091	0,022	Arabinogalactan endo-1,4-beta-ga
0,277	0,260	CYP2C8 inhibitor	0,091	0,023	Procollagen glucosyltransferase ir
0,276	0,037	Antineoplastic (colon cancer)	0,090	0,025	Alpha,alpha-trehalose phosphoryl
0,276	0,079	Cytochrome-b5 reductase inhibitor	0,089	0,019	Estradiol 17 beta dehydrogenase
0,276	0,102	Dermatologic	0,089	0,023	Glyceraldehyde-3-phosphate deh
0,275	0,012	Psychosexual dysfunction treatment	0,089	0,077	Glucan 1,3-beta-glucosidase inhi
0,275	0,036	CYP2E1 inhibitor	0,086	0,061	UDP-N-acetylglucosamine 2-epim
0,275	0,179	RNA-directed RNA polymerase inhibito	0,085	0,018	Purinergic P2Y agonist
0,274	0,008	Postmenopausal disorders treatment	0,084	0,070	Astringent
0,274	0,080	Aspergillus nuclease S1 inhibitor	0,080	0,013	Sucrose-phosphate phosphatase i
0,273	0,004	Alpha glucosidase inhibitor	0,080	0,022	Protein kinase A inhibitor
0,273	0,057	Antidiabetic symptomatic	0,080	0,066	Phosphorylase kinase inhibitor
0,272	0,086	Venom exonuclease inhibitor	0,079	0,023	Osmotic diuretic
0,271	0,065	Phospholipase C inhibitor	0,078	0,003	Cyclomaltoedextrin glucanotransfe
0,271	0,069	Muscle relaxant	0,078	0,035	MAO A inhibitor
0,270	0,024	Interleukin agonist	0,075	0,007	Na+ K+ transporting ATPase inhi
0,270	0,025	Shikimate 5-dehydrogenase inhibitor	0,075	0,065	Sterol 24-C-methyltransferase inh
0,270	0,043	Phosphoenolpyruvate mutase inhibitor	0,073	0,035	Alpha-mannosidase inhibitor
0,270	0,054	TRPA1 agonist	0,073	0,045	Threonine-tRNA ligase inhibitor
0,270	0,056	Sulfite reductase inhibitor	0,072	0,030	Postmenopausal disorders treatm
0,270	0,111	CYP2D2 inhibitor	0,072	0,068	Inositol-polyphosphate 5-phosph
0,270	0,145	Cyclohexanone monooxygenase inhibito	0,071	0,015	CDC25B inhibitor
0,269	0,046	Interleukin antagonist	0,071	0,040	Inositol 1,4,5-triphosphate recept
0,268	0,042	Antineoplastic (brain cancer)	0,070	0,034	Alpha,alpha-trehalose phosphoryl
0,267	0,003	VEGF expression inhibitor	0,069	0,013	GDP-L-fucose synthase inhibitor
0,267	0,088	Antineoplastic (pancreatic cancer)	0,067	0,025	Glucan 1,3-alpha-glucosidase inhi
0,266	0,013	Antihematotoxic	0,066	0,043	Steroid DELTA-isomerase inhibitor
0,266	0,070	Gamma-glutamyltransferase inhibitor	0,065	0,003	Sodium/glucose cotransporter 2 ii
0,266	0,099	N-acylmannosamine kinase inhibitor	0,064	0,006	Membrane-oligosaccharide glycer
0,265	0,005	Estrogen alpha receptor agonist	0,064	0,028	Selectin E antagonist
0,265	0,015	Nitric oxide scavenger	0,063	0,004	Cholesterol absorption inhibitor
0,265	0,071	Hyaluronic acid agonist	0,063	0,029	Estrogen alpha receptor agonist
0,265	0,114	Methylamine-glutamate N-methyltran	0,062	0,038	Mannosidase inhibitor
0,264	0,031	Antineoplastic (melanoma)	0,061	0,010	Enoyl-[acyl-carrier-protein] reduct
0,263	0,054	CYP3A4 inhibitor	0,061	0,026	Eicosanoid agonist
0,263	0,061	Sorbitol-6-phosphate 2-dehydrogenase	0,060	0,037	Adenosine deaminase inhibitor
0,263	0,072	H+-exporting ATPase inhibitor	0,060	0,050	Beta-1,4-mannosyl-glycoprotein 4
0,263	0,074	Endothelial growth factor antagonist	0,060	0,058	DNA intercalator
0,263	0,098	Isopenicillin-N epimerase inhibitor	0,057	0,006	Mannokinase inhibitor
0,263	0,108	Antiprotozoal (Amoeba)	0,057	0,028	Purinergic receptor agonist
0,262	0,003	12-Lipoxygenase inhibitor	0,057	0,028	Purinergic P2 agonist
0,262	0,015	HIV-2 reverse transcriptase inhibitor	0,057	0,033	UGT2B20 substrate
0,262	0,053	Antiviral	0,054	0,011	Nucleoside transporters inhibitor
0,262	0,089	Undecaprenyldiphospho-muramoylper	0,051	0,013	Sucrose phosphorylase inhibitor
0,261	0,023	Diphosphomevalonate decarboxylase i	0,051	0,045	Estradiol 17 beta dehydrogenase
0,261	0,133	Bilirubin oxidase inhibitor	0,048	0,004	Translation initiation factor IF-2 a

0,260	0,023	Alkene monooxygenase inhibitor	0,048	0,038	Heparanase inhibitor
0,260	0,033	Interleukin 6 antagonist	0,046	0,034	Protein kinase C zeta inhibitor
0,260	0,069	Taurocyamine kinase inhibitor	0,045	0,005	ATPase (Mitochondrial F1F0) inhibi
0,260	0,069	Opheline kinase inhibitor	0,045	0,011	Alpha-1,3-mannosyl-glycoprotein
0,259	0,009	SMN2 expression enhancer	0,045	0,022	Pyrimidine antagonist
0,259	0,095	Glutamine-phenylpyruvate transamina	0,044	0,006	DNA gyrase inhibitor
0,259	0,111	FMO3 substrate	0,042	0,016	Beta-Phosphoglucomutase inhibit
0,258	0,005	5-Lipoxygenase inhibitor	0,042	0,038	Microtubule stabilization
0,258	0,116	Uterine relaxant	0,041	0,034	Electron transport complex I inhibi
0,257	0,027	Viral entry inhibitor	0,040	0,010	Beta glucosidase inhibitor
0,257	0,101	Antiprotozoal (Coccidial)	0,040	0,023	Fucokinase inhibitor
0,256	0,089	Arylmalonate decarboxylase inhibitor	0,040	0,040	Neuraminidase inhibitor
0,256	0,095	Opioid dependency treatment	0,036	0,019	Purinergic P2X4 antagonist
0,256	0,145	Mitochondrial processing peptidase inf	0,034	0,008	Antibiotic Macrolide-like
0,255	0,038	Arylsulfatase inhibitor	0,034	0,027	6-Phospho-beta-glucosidase inhib
0,255	0,042	Tauropine dehydrogenase inhibitor	0,033	0,026	Dopamine precursors
0,255	0,043	3-Hydroxy-4-oxoquinoline 2,4-dioxyge	0,025	0,011	Motilin receptor agonist
0,255	0,072	5 Hydroxytryptamine 2B agonist	0,023	0,023	Phosphogluconate 2-dehydrogen
0,254	0,070	Glutathione dehydrogenase (ascorbate	0,020	0,012	dTDP-glucose 4,6-dehydratase inf
0,254	0,087	Antitoxic	0,019	0,017	GDP-mannose 4,6-dehydratase in
0,254	0,090	ATP phosphoribosyltransferase inhibit	0,014	0,005	Phospho-N-acetylmuramoyl-pent
0,254	0,165	Transcription factor NF kappa B stimul	0,014	0,012	N-acetylgalactosamine-4-sulfatas
0,254	0,165	Transcription factor stimulant	0,013	0,008	Macrocin O-methyltransferase inf
0,253	0,014	Phenylacetaldehyde dehydrogenase inhibitor			
0,253	0,028	Anthranilate 3-monooxygenase (deaminating) inhibitor			
0,253	0,060	Di-trans,poly-cis-decaprenylcistransferase inhibitor			
0,253	0,118	Creatininase inhibitor			
0,252	0,009	Protein kinase (CK2) inhibitor			
0,252	0,033	Cholesterol synthesis inhibitor			
0,251	0,033	Uric acid excretion stimulant			
0,251	0,040	Cyclooxygenase substrate			
0,251	0,080	Methane monooxygenase inhibitor			
0,251	0,080	Glucan 1,4-alpha-maltotetraohydrolase inhibitor			
0,250	0,072	Gestagen antagonist			
0,250	0,182	Botulin neurotoxin A light chain inhibitor			
0,250	0,185	Biotinidase inhibitor			
0,249	0,127	4-Hydroxyproline epimerase inhibitor			
0,248	0,025	Phenylalanine decarboxylase inhibitor			
0,248	0,037	Antihelmintic (Fasciola)			
0,248	0,095	Phosphatidylserine decarboxylase inhibitor			
0,248	0,118	Peptide-N4-(N-acetyl-beta-glucosaminyl)asparagine amidase inhibitor			
0,248	0,125	Adenylyl-sulfate reductase inhibitor			
0,247	0,081	Adrenaline release stimulant			
0,247	0,096	Pullulanase inhibitor			
0,246	0,109	ADP-thymidine kinase inhibitor			
0,246	0,129	Phosphoinositide 5-phosphatase inhibitor			
0,245	0,039	Lactaldehyde reductase inhibitor			

0,245	0,058	2-Oxoaldehyde dehydrogenase (NADP+) inhibitor
0,245	0,089	Glycolate dehydrogenase inhibitor
0,245	0,108	N-formylmethionyl-peptidase inhibitor
0,244	0,004	3-Dehydroquinase synthase inhibitor
0,244	0,021	Isoquinoline 1-oxidoreductase inhibitor
0,244	0,032	UGT1A5 substrate
0,244	0,033	Paraoxonase substrate
0,243	0,037	N6-methyl-lysine oxidase inhibitor
0,243	0,191	HMGCS2 expression enhancer
0,242	0,020	Thioredoxin reductase inhibitor
0,242	0,036	L-amino-acid oxidase inhibitor
0,242	0,127	Antisecretoric
0,242	0,187	Centromere associated protein inhibitor
0,241	0,074	Antiprotozoal (Trichomonas)
0,240	0,152	Acetylcholinesterase inhibitor
0,239	0,198	Leukopoiesis inhibitor
0,238	0,098	Prostaglandin-E2 9-reductase inhibitor
0,238	0,113	N-benzoyloxycarbonylglycine hydrolase inhibitor
0,238	0,166	Loop diuretic
0,237	0,011	CYP1A3 substrate
0,237	0,056	Antineoplastic enhancer
0,237	0,140	Hypolipemic
0,237	0,155	Antineoplastic (solid tumors)
0,237	0,209	Na ⁺ -transporting two-sector ATPase inhibitor
0,235	0,017	Adrenergic, ophthalmic
0,235	0,063	Horrilysin inhibitor
0,234	0,109	Aldehyde dehydrogenase (pyrroloquinoline-quinone) inhibitor
0,233	0,011	CYP2B4 substrate
0,233	0,076	Mepriin B inhibitor
0,233	0,080	Uroporphyrinogen-III synthase inhibitor
0,232	0,070	Aminomuconate-semialdehyde dehydrogenase inhibitor
0,232	0,084	S-alkylcysteine lyase inhibitor
0,231	0,016	Huntington's disease treatment
0,231	0,061	GABA C receptor agonist
0,231	0,069	Antipruritic, non-allergic
0,231	0,084	Gluconolactonase inhibitor
0,230	0,020	Diiodophenylpyruvate reductase inhibitor
0,230	0,023	Cyclooxygenase 1 inhibitor
0,230	0,030	Hippurate hydrolase inhibitor
0,230	0,044	Maltose-transporting ATPase inhibitor
0,230	0,077	Benzaldehyde dehydrogenase (NADP+) inhibitor
0,230	0,082	Lactose synthase inhibitor
0,230	0,132	Fucosterol-epoxide lyase inhibitor
0,229	0,048	Histone acetyltransferase inhibitor
0,229	0,078	Cyclohexyl-isocyanide hydratase inhibitor
0,229	0,081	Nucleoside oxidase (H ₂ O ₂ -forming) inhibitor
0,228	0,070	Shikimate O-hydroxycinnamoyltransferase inhibitor

0,228	0,075	Bothrolysin inhibitor
0,228	0,129	DNA-(apurinic or apyrimidinic site) lyase inhibitor
0,227	0,185	Endopeptidase So inhibitor
0,226	0,031	Antineoplastic (ovarian cancer)
0,226	0,045	CYP4F2 substrate
0,226	0,107	2-Hydroxyomuconate-semialdehyde hydrolase inhibitor
0,225	0,022	Cytochrome-b5 reductase substrate
0,225	0,067	Acyl-CoA oxidase inhibitor
0,225	0,069	O-aminophenol oxidase inhibitor
0,225	0,078	Thiopurine S-methyltransferase inhibitor
0,225	0,112	Flavin-containing monooxygenase substrate
0,224	0,006	MAP-kinase-activated kinase inhibitor
0,224	0,029	DNA directed RNA polymerase inhibitor
0,224	0,035	Deoxyribonuclease I inhibitor
0,224	0,042	Antineoplastic (lymphoma)
0,224	0,051	2,4-Dichlorophenol 6-monooxygenase inhibitor
0,224	0,108	2-Haloacid dehalogenase inhibitor
0,224	0,149	All-trans-retinyl-palmitate hydrolase inhibitor
0,223	0,010	Protein-tyrosine phosphatase 1B inhibitor
0,223	0,046	Thrombolytic
0,223	0,213	Lysyl oxidase inhibitor
0,222	0,039	Aldehyde dehydrogenase 2 substrate
0,222	0,110	Thiamine-triphosphatase inhibitor
0,222	0,133	Glutamate-tRNA ligase inhibitor
0,222	0,157	Cystic fibrosis treatment
0,220	0,020	Antineoplastic (glioma)
0,219	0,071	2-Hydroxy-3-oxoadipate synthase inhibitor
0,219	0,077	N-hydroxy-2-acetamidofluorene reductase inhibitor
0,219	0,080	Bisphosphoglycerate phosphatase inhibitor
0,219	0,205	Superoxide dismutase inhibitor
0,218	0,002	Transcription factor STAT6 inhibitor
0,218	0,014	2-Pyrocatechuate decarboxylase inhibitor
0,218	0,080	2,3,4,5-Tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase inhibitor
0,218	0,162	Pyroglutamyl-peptidase II inhibitor
0,217	0,041	Laminaribiose phosphorylase inhibitor
0,217	0,045	UGT2B10 substrate
0,217	0,075	Diuretic
0,216	0,008	CYP19 substrate
0,216	0,082	Sclerosant
0,216	0,084	Methanol dehydrogenase inhibitor
0,216	0,122	Adenomatous polyposis treatment
0,216	0,131	Thiamine pyridinylase inhibitor
0,216	0,150	Aldosterone antagonist
0,216	0,173	CYP2A8 substrate
0,215	0,026	Cyclooxygenase inhibitor
0,215	0,036	3-Hydroxyphenylacetate 6-hydroxylase inhibitor
0,215	0,089	Dopamine release stimulant

0,215	0,119	Transketolase inhibitor
0,214	0,022	Procollagen-lysine 5-dioxygenase inhibitor
0,214	0,082	Hydroxylamine reductase inhibitor
0,214	0,150	Urethanase inhibitor
0,213	0,014	Amyloid beta aggregation inhibitor
0,213	0,058	Nitrate reductase inhibitor
0,213	0,059	Blasticidin-S deaminase inhibitor
0,213	0,102	Poly(beta-D-mannuronate) lyase inhibitor
0,212	0,062	Mannitol-1-phosphatase inhibitor
0,212	0,081	Pappalysin-1 inhibitor
0,212	0,100	Acetylserotonin O-methyltransferase inhibitor
0,211	0,083	Histidinol-phosphatase inhibitor
0,210	0,017	Oligo-1,6-glucosidase inhibitor
0,210	0,068	N-Acyl-D-aspartate deacylase inhibitor
0,210	0,069	Crotonoyl-[acyl-carrier-protein] hydratase inhibitor
0,210	0,155	D-lactaldehyde dehydrogenase inhibitor
0,209	0,069	15-Hydroxyprostaglandin-D dehydrogenase (NADP+) inhibitor
0,209	0,087	Gamma-D-Glutamyl-meso-diaminopimelate peptidase inhibitor
0,208	0,087	Dimethylmaleate hydratase inhibitor
0,208	0,165	Thiosulfate dehydrogenase inhibitor
0,207	0,057	3-Hydroxybenzoate 4-monooxygenase inhibitor
0,207	0,078	Polarisation inhibitor
0,207	0,082	Aromatic-hydroxylamine O-acetyltransferase inhibitor
0,207	0,100	Thiol oxidase inhibitor
0,207	0,156	3C-like protease (Human coronavirus) inhibitor
0,207	0,198	Antithrombotic
0,205	0,004	Histone deacetylase stimulant
0,205	0,004	Histone deacetylase SIRT1 stimulant
0,205	0,056	Penicillin amidase inhibitor
0,205	0,071	ATPase inhibitor
0,204	0,028	Catalase stimulant
0,204	0,054	Laccase inhibitor
0,204	0,081	Lipoprotein lipase stimulant
0,203	0,101	[acyl-carrier-protein] S-acetyltransferase inhibitor
0,202	0,010	Antineoplastic (uterine cancer)
0,202	0,011	Glutathione reductase inhibitor
0,202	0,079	Ubiquitin thiolesterase inhibitor
0,201	0,045	Antineoplastic (bladder cancer)
0,201	0,103	Aspartate-ammonia ligase inhibitor
0,200	0,009	Macrophage migration inhibitory factor inhibitor
0,200	0,012	Vitamin
0,200	0,062	Styrene-oxide isomerase inhibitor
0,199	0,143	Albendazole monooxygenase inhibitor
0,199	0,150	Chloride channel blocker
0,198	0,055	Lipoxygenase substrate
0,198	0,065	Sedoheptulose-bisphosphatase inhibitor
0,198	0,067	Homoaconitate hydratase inhibitor

0,198	0,067	6-Carboxyhexanoate-CoA ligase inhibitor
0,198	0,067	Triacetate-lactonase inhibitor
0,198	0,067	Biotin-CoA ligase inhibitor
0,198	0,112	Polyribonucleotide nucleotidyltransferase inhibitor
0,198	0,119	Arylesterase inhibitor
0,197	0,007	NOS3 expression enhancer
0,197	0,016	6-Methylsalicylate decarboxylase inhibitor
0,197	0,049	Cerebroside-sulfatase inhibitor
0,197	0,066	Rhamnulose-1-phosphate aldolase inhibitor
0,197	0,082	Antineoplastic (non-small cell lung cancer)
0,197	0,119	Coccolysin inhibitor
0,196	0,029	Homogentisate 1,2-dioxygenase inhibitor
0,196	0,035	4-Phytase inhibitor
0,196	0,061	Arachidonic acid antagonist
0,196	0,064	Guanidinoacetase inhibitor
0,196	0,101	Urease inhibitor
0,196	0,140	IgA-specific serine endopeptidase inhibitor
0,195	0,012	Protocatechuate 3,4-dioxygenase inhibitor
0,195	0,019	Antidiabetic (type 1)
0,195	0,023	Antineoplastic (squamous cell carcinoma)
0,195	0,041	CYP2B18 substrate
0,195	0,167	Methylumbelliferyl-acetate deacetylase inhibitor
0,194	0,027	Alcohol oxidase inhibitor
0,194	0,045	Glycerol-1-phosphatase inhibitor
0,194	0,046	Aryl-alcohol dehydrogenase (NADP+) inhibitor
0,194	0,065	Leucine dehydrogenase inhibitor
0,194	0,085	Levanase inhibitor
0,194	0,125	L-threonine 3-dehydrogenase inhibitor
0,193	0,072	Tropinesterase inhibitor
0,192	0,023	4,5-Dihydroxyphthalate decarboxylase inhibitor
0,192	0,046	Antineoplastic (renal cancer)
0,192	0,058	Gamma-butyrobetaine dioxygenase inhibitor
0,191	0,149	CYP2C9 inhibitor
0,190	0,063	Erectile dysfunction treatment
0,190	0,082	Anticataract
0,189	0,050	Tumour necrosis factor antagonist
0,189	0,066	CYP2D1 substrate
0,189	0,084	Expectorant
0,189	0,182	DNA synthesis inhibitor
0,188	0,004	Dynamin GTPase inhibitor
0,188	0,018	Azobenzene reductase inhibitor
0,188	0,043	Contraceptive female
0,188	0,071	Ferredoxin-nitrite reductase inhibitor
0,188	0,081	D-threo-aldose 1-dehydrogenase inhibitor
0,188	0,103	Pseudouridylate synthase inhibitor
0,187	0,031	HCV NS3-helicase inhibitor
0,187	0,084	Glutarate-semialdehyde dehydrogenase inhibitor

0,187	0,137	Oxytocic
0,186	0,069	Aureolysin inhibitor
0,186	0,077	D-alanine 2-hydroxymethyltransferase inhibitor
0,186	0,082	Polygalacturonase inhibitor
0,186	0,163	Antipsoriatic
0,185	0,012	Cytokine release inhibitor
0,185	0,094	Alpha-N-acetylglucosaminidase inhibitor
0,185	0,145	Acidifying agent non gastric
0,184	0,005	Heat shock protein 90 antagonist
0,184	0,035	Antineoplastic (carcinoma)
0,184	0,047	Tryptophan alpha,beta-oxidase inhibitor
0,184	0,067	Creatinine deaminase inhibitor
0,184	0,084	Antineoplastic (glioblastoma multiforme)
0,184	0,093	Cutinase inhibitor
0,184	0,145	Dipeptidase E inhibitor
0,183	0,115	Thiol protease inhibitor
0,183	0,132	Dactylisin inhibitor
0,182	0,046	Acylphosphatase inhibitor
0,182	0,056	Trans-pentaprenyltranstransferase inhibitor
0,182	0,063	Benzoate 4-monooxygenase inhibitor
0,182	0,102	Peptidyl-dipeptidase B inhibitor
0,182	0,120	Alcohol dehydrogenase [NAD(P)+] inhibitor
0,181	0,093	Ribonucleoside triphosphate reductase inhibitor
0,181	0,111	Indolepyruvate C-methyltransferase inhibitor
0,181	0,126	Vanilloid agonist
0,180	0,010	CDC25A inhibitor
0,180	0,023	Antineoplastic antibiotic
0,180	0,028	Radical formation agonist
0,180	0,046	Alcohol dehydrogenase inhibitor
0,180	0,054	2-Oxoglutarate decarboxylase inhibitor
0,180	0,094	Hydroxysteroid dehydrogenase inhibitor
0,179	0,049	Endo-1,3(4)-beta-glucanase inhibitor
0,179	0,147	DNA-3-methyladenine glycosylase I inhibitor
0,178	0,063	Lombricine kinase inhibitor
0,178	0,095	Mucolytic
0,178	0,113	Nav1.5 sodium channel blocker
0,177	0,090	Alkylglycerophosphoethanolamine phosphodiesterase inhibitor
0,177	0,137	Ethanolamine-phosphate cytidyltransferase inhibitor
0,176	0,015	Dry eye syndrome treatment
0,176	0,059	Glucan 1,4-beta-glucosidase inhibitor
0,176	0,064	Aryldialkylphosphatase inhibitor
0,176	0,066	Trans-2-enoyl-CoA reductase (NAD+) inhibitor
0,176	0,066	Pyruvate dehydrogenase (cytochrome) inhibitor
0,176	0,100	Bone formation stimulant
0,175	0,026	Coagulant
0,175	0,107	Antihypotensive
0,175	0,116	Oryzin inhibitor

0,175	0,130	Yeast ribonuclease inhibitor
0,175	0,135	Prolyl aminopeptidase inhibitor
0,174	0,008	4-Hydroxybenzoate decarboxylase inhibitor
0,174	0,020	3-Oxosteroid 1-dehydrogenase inhibitor
0,174	0,033	Serum-glucocorticoid regulated kinase inhibitor
0,174	0,040	Contraceptive
0,174	0,073	L-glucuronate reductase inhibitor
0,174	0,103	Xylan endo-1,3-beta-xylosidase inhibitor
0,174	0,146	Taurine-2-oxoglutarate transaminase inhibitor
0,173	0,005	Squalene epoxidase inhibitor
0,173	0,011	Pyruvate kinase inhibitor
0,173	0,019	Protein kinase C inhibitor
0,173	0,032	Succinic dehydrogenase inhibitor
0,173	0,068	Tryptophan dimethylallyltransferase inhibitor
0,173	0,077	Anthranilate-CoA ligase inhibitor
0,173	0,089	Antirickettsial
0,172	0,002	MAP-kinase-activated kinase 1 inhibitor
0,172	0,034	Corticosteroid antagonist
0,172	0,039	Estradiol 17alpha-dehydrogenase inhibitor
0,172	0,064	Catechol oxidase inhibitor
0,172	0,073	Snapalysin inhibitor
0,172	0,087	Myeloblastin inhibitor
0,172	0,093	Glycine dehydrogenase (decarboxylating) inhibitor
0,172	0,111	Alpha-1,6-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase inhibitor
0,171	0,081	N-acetyl-gamma-glutamyl-phosphate reductase inhibitor
0,171	0,086	Polyneuridine-aldehyde esterase inhibitor
0,170	0,047	Antiviral (HIV)
0,170	0,113	N-acetyllactosamine synthase inhibitor
0,170	0,116	Cellulose 1,4-beta-cellobiosidase inhibitor
0,170	0,127	Retinal dehydrogenase inhibitor
0,169	0,050	Adenylate cyclase stimulant
0,169	0,081	2,4-Diaminopentanoate dehydrogenase inhibitor
0,169	0,081	3-Hydroxybutyryl-CoA dehydrogenase inhibitor
0,169	0,081	Lysine 6-dehydrogenase inhibitor
0,169	0,088	Male reproductive dysfunction treatment
0,168	0,018	Imidazoleacetate 4-monooxygenase inhibitor
0,168	0,039	Tumour necrosis factor alpha antagonist
0,167	0,006	Indoleamine-pyrrole 2,3-dioxygenase inhibitor
0,166	0,009	Beta tubulin antagonist
0,166	0,010	Aromatase inhibitor
0,166	0,047	Pyruvate dehydrogenase inhibitor
0,166	0,079	Alpha-glucuronidase inhibitor
0,165	0,059	Aspartate-tRNA ligase inhibitor
0,165	0,063	Methylaspartate ammonia-lyase inhibitor
0,165	0,070	3'-Nucleotidase inhibitor
0,165	0,113	Ornithine cyclodeaminase inhibitor
0,164	0,022	HIV-1 integrase (Overall Integration) inhibitor

0,164	0,038	Prolactin inhibitor
0,164	0,047	Beta-cyclopiazonate dehydrogenase inhibitor
0,164	0,056	Aryl sulfotransferase inhibitor
0,164	0,062	Glutamate (mGluR5) agonist
0,164	0,149	5 Hydroxytryptamine 7L antagonist
0,162	0,044	Protein-glucosylgalactosylhydroxylysine glucosidase inhibitor
0,162	0,077	Licheninase inhibitor
0,162	0,108	Indoleacetaldoxime dehydratase inhibitor
0,162	0,129	Spasmolytic, Papaverin-like
0,162	0,155	Glycine amidinotransferase inhibitor
0,161	0,075	tRNA nucleotidyltransferase inhibitor
0,161	0,086	GST M1-1 substrate
0,161	0,103	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase inhibitor
0,160	0,085	Bisphosphoglycerate mutase inhibitor
0,160	0,133	Carnitinamidase inhibitor
0,159	0,067	Peptidylamidoglycolate lyase inhibitor
0,159	0,117	Urate-ribonucleotide phosphorylase inhibitor
0,158	0,041	Phospholipase A2 inhibitor
0,158	0,070	D-xylulose reductase inhibitor
0,158	0,092	Acetylorntithine deacetylase inhibitor
0,158	0,094	Microtubule formation inhibitor
0,158	0,101	Camphor 1,2-monooxygenase inhibitor
0,157	0,019	4-Hydroxybenzoate-CoA ligase inhibitor
0,157	0,038	Histone deacetylase class III inhibitor
0,157	0,076	Pyridoxine 4-oxidase inhibitor
0,157	0,086	N-methyl-2-oxoglutaramate hydrolase inhibitor
0,157	0,130	Opine dehydrogenase inhibitor
0,156	0,007	Protein kinase C zeta inhibitor
0,156	0,024	Potassium channel (Ca-activated) activator
0,156	0,046	Pyruvate dehydrogenase (lipoamide) inhibitor
0,156	0,077	NAD+ synthase (glutamine-hydrolysing) inhibitor
0,156	0,090	4-Chlorophenylacetate 3,4-dioxygenase inhibitor
0,156	0,126	Rhizopuspepsin inhibitor
0,155	0,033	CYP3A5 inducer
0,155	0,034	L-ascorbate peroxidase inhibitor
0,155	0,147	Imidazoline receptor agonist
0,154	0,026	2-Nitrophenol 2-monooxygenase inhibitor
0,154	0,076	Oxalate oxidase inhibitor
0,154	0,088	1,4-Alpha-glucan branching enzyme inhibitor
0,154	0,131	GABA B receptor agonist
0,154	0,133	Lymphocytopoiesis inhibitor
0,153	0,012	Bacterial efflux pump inhibitor
0,153	0,072	Protein synthesis stimulant
0,153	0,082	Benzoylformate decarboxylase inhibitor
0,152	0,022	Iron antagonist
0,152	0,046	Riboflavin phosphotransferase inhibitor
0,152	0,055	L-iduronidase inhibitor

0,152	0,080	Undecaprenyl-diphosphatase inhibitor
0,152	0,091	6-Pyruvoyltetrahydropterin synthase inhibitor
0,152	0,101	Glycine C-acetyltransferase inhibitor
0,152	0,110	Cyclopentanone monooxygenase inhibitor
0,151	0,018	Phosphatidylglycerol-membrane-oligosaccharide glycerophosphotransferase inhibitor
0,151	0,026	UGT2B11 substrate
0,151	0,055	Pantoate 4-dehydrogenase inhibitor
0,151	0,060	3-Oxoadipate enol-lactonase inhibitor
0,151	0,072	(R,R)-butanediol dehydrogenase inhibitor
0,151	0,083	Quisqualate antagonist
0,151	0,096	Acaricide
0,151	0,098	Inorganic diphosphatase inhibitor
0,151	0,113	Transforming growth factor beta 1 agonist
0,150	0,028	Cyclooxygenase 2 inhibitor
0,150	0,049	Cysteine-S-conjugate beta-lyase inhibitor
0,150	0,072	Glutamin-(asparagin-)ase inhibitor
0,150	0,094	4-Hydroxyglutamate transaminase inhibitor
0,150	0,117	CYP4A2 substrate
0,150	0,119	LDLR expression enhancer
0,150	0,121	(S)-3-amino-2-methylpropionate transaminase inhibitor
0,149	0,005	Histone deacetylase SIRT2 stimulant
0,149	0,025	Isocitrate dehydrogenase (NAD+) inhibitor
0,149	0,074	3-Aminobutyryl-CoA ammonia-lyase inhibitor
0,149	0,101	Dynein ATPase inhibitor
0,148	0,026	Histone deacetylase SIRT2 inhibitor
0,148	0,043	Urolithiasis treatment
0,148	0,078	Farnesyltranstransferase inhibitor
0,148	0,082	Smooth muscle myosin light chain kinase inhibitor
0,147	0,021	Vanillyl-alcohol oxidase inhibitor
0,147	0,066	Phosphoenolpyruvate-protein phosphotransferase inhibitor
0,147	0,072	Acetylenecarboxylate hydratase inhibitor
0,147	0,073	3-Carboxyethylcatechol 2,3-dioxygenase inhibitor
0,147	0,122	Gallate decarboxylase inhibitor
0,147	0,138	Mandelate 4-monooxygenase inhibitor
0,146	0,105	Phosphatidylglycerophosphatase inhibitor
0,146	0,118	ADP-ribosylarginine hydrolase inhibitor
0,145	0,009	CYP2A5 inhibitor
0,145	0,098	N-acetylneuraminate 4-O-acetyltransferase inhibitor
0,145	0,125	Metallocoxyypeptidase D inhibitor
0,144	0,005	Stipitatonate decarboxylase inhibitor
0,144	0,037	Narcotic antagonist
0,144	0,062	Antineoplastic (gastric cancer)
0,144	0,099	CDP-4-dehydro-6-deoxyglucose reductase inhibitor
0,143	0,015	Interleukin 12 agonist
0,143	0,016	4-Hydroxybenzoate 3-monooxygenase inhibitor
0,142	0,012	Protein kinase A inhibitor
0,142	0,122	CC chemokine receptor 2B antagonist

0,142	0,139	Chaperonin ATPase inhibitor
0,141	0,020	Dopachrome isomerase inhibitor
0,141	0,067	3-Ketovalidoxylamine C-N-lyase inhibitor
0,141	0,069	CDP-diacylglycerol-inositol 3-phosphatidyltransferase inhibitor
0,140	0,080	Inositol oxygenase inhibitor
0,140	0,121	Atrolysin A inhibitor
0,140	0,121	Leishmanolysin inhibitor
0,140	0,125	Phenylalanine(histidine) transaminase inhibitor
0,139	0,009	Protein kinase C eta inhibitor
0,139	0,053	Mannose-6-phosphate isomerase inhibitor
0,139	0,058	Glucan 1,6-alpha-glucosidase inhibitor
0,139	0,070	N-acetylneuraminase synthase inhibitor
0,139	0,103	Isopenicillin-N synthase inhibitor
0,139	0,138	Alanine-tRNA ligase inhibitor
0,138	0,004	CYP11B1 inhibitor
0,138	0,022	Interleukin 10 antagonist
0,138	0,048	(R)-limonene 6-monooxygenase inhibitor
0,138	0,054	CYP26A substrate
0,138	0,054	Prephenate dehydrogenase inhibitor
0,138	0,100	Antimitotic
0,137	0,107	Lactate 2-monooxygenase inhibitor
0,136	0,002	Aryl hydrocarbon receptor antagonist
0,136	0,057	Galacturan 1,4-alpha-galacturonidase inhibitor
0,136	0,101	Tryptophanamidase inhibitor
0,136	0,108	Carnosine synthase inhibitor
0,135	0,003	Aldose reductase 2 inhibitor
0,135	0,036	Glutamate decarboxylase inhibitor
0,135	0,050	2-Aminoadipate transaminase inhibitor
0,135	0,057	Antibiotic
0,135	0,090	Bile-salt sulfotransferase inhibitor
0,135	0,105	Acetate kinase inhibitor
0,134	0,062	Phospholipase inhibitor
0,134	0,095	Nuclease inhibitor
0,134	0,116	Tyrosine kinase stimulant
0,133	0,009	Glycogen synthase kinase-3 alpha inhibitor
0,133	0,046	Fibrosis treatment
0,133	0,079	Antitussive, narcotic
0,133	0,083	Ligase inhibitor
0,133	0,085	Magnesium-protoporphyrin IX methyltransferase inhibitor
0,133	0,090	Inulinase inhibitor
0,132	0,064	(S)-2-hydroxy-acid oxidase inhibitor
0,131	0,017	Antidote, heavy metal
0,131	0,054	Xylose isomerase inhibitor
0,131	0,074	Ferredoxin-NADP+ reductase inhibitor
0,131	0,096	Sphinganine-1-phosphate aldolase inhibitor
0,131	0,104	Glycerol dehydrogenase (NADP+) inhibitor
0,131	0,126	N-(long-chain-acyl)ethanolamine deacylase inhibitor

0,130	0,030	Antibiotic Anthracycline-like
0,130	0,033	MAP-kinase-activated kinase 2 inhibitor
0,130	0,038	Anabolic
0,130	0,090	Hexokinase inhibitor
0,130	0,110	Alkylglycerone-phosphate synthase inhibitor
0,129	0,004	CD45 antagonist
0,129	0,065	Acyl-lysine deacylase inhibitor
0,129	0,070	Allantoinase inhibitor
0,129	0,074	Allantoate deiminase inhibitor
0,129	0,080	Mannan endo-1,6-alpha-mannosidase inhibitor
0,129	0,081	Glucuronolactone reductase inhibitor
0,129	0,111	Serratia marcescens nuclease inhibitor
0,129	0,111	Poly(alpha-L-gulonate) lyase inhibitor
0,128	0,069	Prepilin peptidase inhibitor
0,128	0,069	Haloacetate dehalogenase inhibitor
0,128	0,078	5 Hydroxytryptamine 2A agonist
0,128	0,091	Gly-X carboxypeptidase inhibitor
0,128	0,098	VCAM1 expression inhibitor
0,128	0,099	Subtilisin inhibitor
0,128	0,113	Geranylgeranyl-diphosphate geranylgeranyltransferase inhibitor
0,128	0,120	Cystinyl aminopeptidase inhibitor
0,127	0,018	Phosphogluconate dehydrogenase (decarboxylating) inhibitor
0,127	0,066	Glycogen (starch) synthase inhibitor
0,127	0,079	Interferon antagonist
0,127	0,085	Insecticide
0,126	0,007	UGT2B7Y substrate
0,126	0,007	UGT2B7H substrate
0,126	0,009	Heat shock protein 70 antagonist
0,126	0,010	CDC25 phosphatase inhibitor
0,126	0,030	c-Src kinase inhibitor
0,126	0,040	Shikimate kinase inhibitor
0,126	0,043	Succinate dehydrogenase inhibitor
0,126	0,082	FMN reductase inhibitor
0,126	0,099	Hepatocyte nuclear factor antagonist
0,126	0,099	Hepatocyte nuclear factor 4 alpha antagonist
0,126	0,106	MDM2 inhibitor
0,125	0,012	Quinate 5-dehydrogenase inhibitor
0,125	0,028	Tyrosine 2,3-aminomutase inhibitor
0,125	0,044	Renilla-luciferin 2-monooxygenase inhibitor
0,125	0,076	Interferon gamma antagonist
0,125	0,085	Cellulase inhibitor
0,125	0,125	Polar-amino-acid-transporting ATPase inhibitor
0,124	0,020	T cell inhibitor
0,124	0,036	Transthyretin amyloid fibril formation inhibitor
0,124	0,038	Tyrosine-ester sulfotransferase inhibitor
0,124	0,052	Bcl2 antagonist
0,124	0,059	Pyridoxine 5-dehydrogenase inhibitor

0,124	0,072	N-(5-amino-5-carboxypentanoyl)-L-cysteinyl-D-valine synthase inhibitor
0,124	0,074	D-lactate dehydrogenase inhibitor
0,124	0,114	Pyruvate carboxylase inhibitor
0,123	0,003	Neuraminidase inhibitor
0,123	0,041	Orotate reductase (NADPH) inhibitor
0,123	0,051	D-arabinonolactone oxidase inhibitor
0,123	0,065	Asparagine-tRNA ligase inhibitor
0,123	0,078	Allophanate hydrolase inhibitor
0,123	0,082	Galactokinase inhibitor
0,123	0,098	Phenylacetate-CoA ligase inhibitor
0,122	0,070	Glucan endo-1,3-alpha-glucosidase inhibitor
0,122	0,078	N-carbamoyl-L-amino-acid hydrolase inhibitor
0,121	0,024	Gynecological disorders treatment
0,121	0,062	Bronchodilator
0,121	0,065	Carboxymethylenebutenolidase inhibitor
0,121	0,105	IgA-specific metalloendopeptidase inhibitor
0,120	0,043	Acetoacetate decarboxylase inhibitor
0,120	0,051	Fructose-2,6-bisphosphate 6-phosphatase inhibitor
0,120	0,059	Endo-1,4-beta-xylanase inhibitor
0,120	0,069	Alpha-pinene-oxide decyclase inhibitor
0,120	0,091	Cyclamate sulfohydrolase inhibitor
0,120	0,093	CYP4B substrate
0,119	0,055	Phenylalanine 4-hydroxylase inhibitor
0,119	0,061	Aspartyl aminopeptidase inhibitor
0,119	0,079	Alpha-N-arabinofuranosidase inhibitor
0,119	0,081	Aminocarboxymuconate-semialdehyde decarboxylase inhibitor
0,119	0,099	3-Chloro-D-alanine dehydrochlorinase inhibitor
0,119	0,105	Plasmanyethanolamine desaturase inhibitor
0,118	0,017	Sphingosine kinase inhibitor
0,118	0,044	2-Dehydropantolactone reductase (A-specific) inhibitor
0,118	0,045	Homocysteine desulfhydrase inhibitor
0,118	0,086	Acid-sensing ion channel blocker
0,118	0,110	GST T substrate
0,118	0,110	GST T1-1 substrate
0,117	0,014	Phosphatidylinositol kinase inhibitor
0,117	0,069	Poly(ADP-ribose) glycohydrolase inhibitor
0,117	0,071	Acetolactate decarboxylase inhibitor
0,117	0,083	Diisopropyl-fluorophosphatase inhibitor
0,117	0,086	CYP4B1 substrate
0,117	0,087	Agmatinase inhibitor
0,117	0,092	Iron-cytochrome-c reductase inhibitor
0,117	0,105	Quinoline-4-carboxylate 2-oxidoreductase inhibitor
0,116	0,005	3-Phosphoshikimate 1-carboxyvinyltransferase inhibitor
0,116	0,059	Guanidinodeoxy-scylo-inositol-4-phosphatase inhibitor
0,116	0,065	3-Hydroxyacyl-CoA dehydrogenase inhibitor
0,116	0,066	Choloylglycine hydrolase inhibitor
0,115	0,008	Dihydroxyacetanilide epoxidase inhibitor

0,115	0,008	Dihydroxyacetanilide dehydrogenase inhibitor
0,115	0,010	Hot flush treatment
0,115	0,065	Glucarate dehydratase inhibitor
0,115	0,084	Glutamate-1-semialdehyde 2,1-aminomutase inhibitor
0,114	0,008	Estrogen-related receptor alpha antagonist
0,114	0,018	3,4-Dihydroxyphenylacetate 2,3-dioxygenase inhibitor
0,114	0,046	Glycerol dehydratase inhibitor
0,114	0,069	Antitreponemal
0,114	0,076	2-Oxoisovalerate dehydrogenase (acylating) inhibitor
0,114	0,108	2-Haloacid dehalogenase (configuration-inverting) inhibitor
0,113	0,007	Tannase inhibitor
0,113	0,019	Protein kinase C beta inhibitor
0,113	0,070	Estrone sulfotransferase inhibitor
0,113	0,081	Neurotrophic factor
0,113	0,088	Selenocysteine lyase inhibitor
0,113	0,105	Catalase inhibitor
0,113	0,113	N-Acyl-D-amino-acid deacylase inhibitor
0,112	0,007	UGT2B19 substrate
0,112	0,007	UGT2B23 substrate
0,112	0,007	UGT2B4D substrate
0,112	0,007	UGT2B4E substrate
0,112	0,007	UGT2B30 substrate
0,112	0,014	Phosphatidylinositol 3-kinase inhibitor
0,112	0,016	Hydroxyquinol 1,2-dioxygenase inhibitor
0,112	0,047	Glycerophosphocholine cholinephosphodiesterase inhibitor
0,112	0,048	Glycoprotein-fucosylgalactoside alpha-N-acetylgalactosaminyltransferase inhibitor
0,112	0,053	Sorbose dehydrogenase inhibitor
0,112	0,056	NMDA receptor polyamine site antagonist
0,112	0,076	Deoxyribose-phosphate aldolase inhibitor
0,111	0,021	3(or 17)alpha-hydroxysteroid dehydrogenase inhibitor
0,111	0,033	6,7-Dihydropteridine reductase inhibitor
0,111	0,073	D-2-hydroxy-acid dehydrogenase inhibitor
0,111	0,078	Steroid 9alpha-monooxygenase inhibitor
0,111	0,080	Beta lactamase inhibitor
0,111	0,084	2-Dehydropantoate aldolase inhibitor
0,111	0,090	Galactose oxidase inhibitor
0,111	0,092	Galactose 1-dehydrogenase (NADP+) inhibitor
0,111	0,092	Beta-alanine-pyruvate transaminase inhibitor
0,111	0,111	Secretase alpha stimulant
0,111	0,111	Secretase stimulant
0,110	0,005	Aldehyde dehydrogenase 1A2 inhibitor
0,109	0,005	PRL phosphatase inhibitor
0,109	0,017	NMDA receptor glycine site B antagonist
0,109	0,057	Polynucleotide adenyltransferase inhibitor
0,109	0,060	Phosphoglycerate mutase inhibitor
0,109	0,107	Galactoside O-acetyltransferase inhibitor
0,108	0,063	DNA-3-methyladenine glycosylase II inhibitor

0,108	0,092	Ethanolaminephosphotransferase inhibitor
0,108	0,093	Dolichyl-phosphatase inhibitor
0,107	0,007	Catechol O methyltransferase inhibitor
0,107	0,071	L-lysine 6-transaminase inhibitor
0,107	0,078	NADH dehydrogenase inhibitor
0,107	0,087	BRAF expression inhibitor
0,107	0,092	Thiamine-phosphate kinase inhibitor
0,106	0,039	Chelator
0,106	0,056	Poly(3-hydroxybutyrate) depolymerase inhibitor
0,106	0,059	MAP kinase kinase 7 inhibitor
0,105	0,057	Malonate-semialdehyde dehydrogenase inhibitor
0,105	0,082	Sulfate adenylyltransferase (ADP) inhibitor
0,105	0,083	Glucosamine-6-phosphate deaminase inhibitor
0,105	0,083	Adenylyl-sulfate kinase inhibitor
0,104	0,005	CDC25B inhibitor
0,104	0,053	Beta amyloid protein antagonist
0,104	0,073	UDP-glucose-hexose-1-phosphate uridylyltransferase inhibitor
0,103	0,014	Adenosine deaminase inhibitor
0,103	0,023	Opioid mu 2 receptor antagonist
0,103	0,043	Galactosylceramide sulfotransferase inhibitor
0,102	0,021	Aldose 1-epimerase inhibitor
0,102	0,045	CYP4F substrate
0,102	0,055	Arylamine N-Acetyltransferase substrate
0,102	0,059	Agaritine gamma-glutamyltransferase inhibitor
0,102	0,073	Pyrimidine-deoxynucleoside 2'-dioxygenase inhibitor
0,102	0,074	Trypanothione-disulfide reductase inhibitor
0,102	0,085	Carnitine dehydratase inhibitor
0,101	0,079	Cytidine deaminase inhibitor
0,101	0,100	NAD(P)+ transhydrogenase (B-specific) inhibitor
0,100	0,007	Phosphatidylinositol 3-kinase alpha inhibitor
0,100	0,033	Beta 1 adrenoreceptor agonist
0,100	0,047	Insulin sensitizer
0,100	0,061	Cholestenone 5alpha-reductase inhibitor
0,100	0,084	Ca ²⁺ -transporting ATPase inhibitor
0,099	0,035	Ornithine decarboxylase inhibitor
0,099	0,041	Phosphomevalonate kinase inhibitor
0,099	0,060	4-Alpha-glucanotransferase inhibitor
0,099	0,082	D-lactate dehydrogenase (cytochrome) inhibitor
0,099	0,088	Fructose-2,6-bisphosphate 2-phosphatase inhibitor
0,098	0,016	SULT1A2 substrate
0,098	0,033	3(or 17)beta-hydroxysteroid dehydrogenase inhibitor
0,098	0,037	Cyclin-dependent kinase 1 inhibitor
0,098	0,080	D-cysteine desulfhydrase inhibitor
0,098	0,085	Phosphonoacetate hydrolase inhibitor
0,097	0,060	Heme oxygenase inhibitor
0,097	0,075	Chondroitin 6-sulfotransferase inhibitor
0,097	0,081	Glucosamine-1-phosphate N-acetyltransferase inhibitor

0,097	0,083	Src kinase inhibitor
0,096	0,055	2-Hydroxy-3-oxopropionate reductase inhibitor
0,096	0,055	Isomaltulose synthase inhibitor
0,096	0,079	Antifungal enhancer
0,096	0,082	Aldehyde dehydrogenase [NAD(P)+] inhibitor
0,096	0,093	Trimethyllysine dioxygenase inhibitor
0,095	0,027	SULT2A1 substrate
0,095	0,065	Monocarboxylic acid transporter inhibitor
0,095	0,065	Monocarboxylic acid transporter 1 inhibitor
0,095	0,069	Trehalose-phosphatase inhibitor
0,095	0,074	Pyridoxal kinase inhibitor
0,095	0,085	Photinus-luciferin 4-monooxygenase (ATP-hydrolysing) inhibitor
0,095	0,095	Adenylate cyclase V inhibitor
0,094	0,024	CDC25C inhibitor
0,094	0,049	Hair growth stimulant
0,094	0,050	Tagaturonate reductase inhibitor
0,094	0,050	Fructuronate reductase inhibitor
0,094	0,071	UDP-glucose 4-epimerase inhibitor
0,094	0,076	Aerobactin synthase inhibitor
0,094	0,081	Aspartate racemase inhibitor
0,093	0,070	Deoxycytidine deaminase inhibitor
0,091	0,058	Octadecanal decarbonylase inhibitor
0,091	0,062	Aromatic-amino-acid transaminase inhibitor
0,091	0,065	Aconitate decarboxylase inhibitor
0,091	0,073	Ketohexokinase inhibitor
0,091	0,075	Leucine transaminase inhibitor
0,091	0,080	Glyceraldehyde-3-phosphate dehydrogenase (NADP+) inhibitor
0,091	0,089	Carboxylesterase inhibitor
0,090	0,031	Steroid sulfotransferase inhibitor
0,090	0,040	Epoxide hydrolase substrate
0,090	0,072	Gluconate dehydratase inhibitor
0,090	0,077	Antispirochetal
0,089	0,017	Alpha 3 adrenoreceptor agonist
0,089	0,037	4-Pyridoxolactonase inhibitor
0,089	0,053	CYP26 substrate
0,089	0,067	Granulocyte macrophage colony stimulating factor agonist
0,088	0,015	Orcinol 2-monooxygenase inhibitor
0,088	0,058	Deoxyribonuclease (pyrimidine dimer) inhibitor
0,088	0,067	Alpha,alpha-trehalase inhibitor
0,088	0,082	Pantothenase inhibitor
0,087	0,081	Glucan 1,3-beta-glucosidase inhibitor
0,087	0,083	GABA transporter 3 inhibitor
0,086	0,020	Diiodotyrosine transaminase inhibitor
0,086	0,024	4-Hydroxybenzoate 1-hydroxylase inhibitor
0,086	0,025	Protein kinase C mu inhibitor
0,086	0,076	Adenylylsulphatase inhibitor
0,086	0,084	Porphobilinogen synthase inhibitor

0,085	0,041	Pim-2 kinase inhibitor
0,085	0,066	Dichloromuconate cycloisomerase inhibitor
0,085	0,071	Gluconokinase inhibitor
0,085	0,080	Ribitol 2-dehydrogenase inhibitor
0,084	0,063	2-Dehydro-3-deoxy-L-arabinonate dehydratase inhibitor
0,084	0,065	1,5-Anhydro-D-fructose reductase inhibitor
0,084	0,078	Triose-phosphate isomerase inhibitor
0,084	0,083	Acetoin dehydrogenase inhibitor
0,083	0,031	3-Oxoacyl-[acyl-carrier-protein] synthase III inhibitor
0,082	0,014	4-Hydroxyphenylacetate 1-monooxygenase inhibitor
0,082	0,043	Leukotriene antagonist
0,081	0,044	DNA repair enzyme inhibitor
0,081	0,062	3-Deoxy-8-phosphooctulonate synthase inhibitor
0,080	0,052	Mycodextranase inhibitor
0,079	0,042	Oxytocin agonist
0,079	0,059	Multidrug resistance-associated protein inhibitor
0,079	0,061	MAO B substrate
0,078	0,057	Protein kinase B stimulant
0,077	0,021	Prolyl endopeptidase inhibitor
0,077	0,030	Steroid DELTA-isomerase inhibitor
0,077	0,039	Transcription factor AP-1 inhibitor
0,077	0,067	Saccharopine dehydrogenase (NAD+, L-glutamate-forming) inhibitor
0,077	0,072	UDP-N-acetylglucosamine diphosphorylase inhibitor
0,075	0,011	Tyrosine phenol-lyase inhibitor
0,075	0,036	Glyceraldehyde-3-phosphate dehydrogenase inhibitor
0,075	0,049	3-Dehydroquininate dehydratase inhibitor
0,075	0,058	Multidrug resistance-associated protein 1 inhibitor
0,074	0,018	Secretase beta 1 inhibitor
0,074	0,023	Opioid mu 1 receptor antagonist
0,074	0,029	Leukotriene C antagonist
0,074	0,033	Androgen antagonist
0,074	0,036	Alpha,alpha-phosphotrehalase inhibitor
0,074	0,074	Haloalkane dehalogenase inhibitor
0,073	0,027	Mandelate racemase inhibitor
0,073	0,050	Inositol-3-phosphate synthase inhibitor
0,073	0,054	N-acetylglucosaminyldiphosphoundecaprenol N-acetyl-beta-D-mannosaminyltransferase
0,073	0,061	2-Methylcitrate dehydratase inhibitor
0,073	0,066	Retinol O-fatty-acyltransferase inhibitor
0,073	0,067	Cellobiose phosphorylase inhibitor
0,073	0,067	Muconate cycloisomerase inhibitor
0,072	0,019	Protein kinase C delta inhibitor
0,071	0,043	Tubulin-tyrosine ligase inhibitor
0,071	0,053	Endometriosis treatment
0,071	0,054	High-mannose-oligosaccharide beta-1,4-N-acetylglucosaminyltransferase inhibitor
0,069	0,058	CYP2C2 substrate
0,069	0,060	Isoamylase inhibitor
0,068	0,037	CYP24 inhibitor

0,068	0,063	L-fuconate dehydratase inhibitor
0,067	0,054	3-Alpha-hydroxysteroid dehydrogenase (B-specific) inhibitor
0,066	0,024	Secretase beta inhibitor
0,066	0,030	Lipase inhibitor
0,065	0,020	Protein kinase C nu inhibitor
0,065	0,028	Glutamate (mGluR1) agonist
0,065	0,030	Bcl-xL inhibitor
0,065	0,031	Potassium channel large-conductance Ca-activated activator
0,065	0,059	(S)-2-Methylmalate dehydratase inhibitor
0,065	0,063	Arginine decarboxylase inhibitor
0,064	0,008	Phosphatidylinositol 3-kinase gamma inhibitor
0,064	0,031	Catechol 2,3-dioxygenase inhibitor
0,064	0,033	Tyrosine transaminase inhibitor
0,064	0,064	2-Dehydro-3-deoxy-phosphogluconate aldolase inhibitor
0,063	0,010	Chelator, Iron
0,063	0,015	4-Hydroxybenzoate 3-monooxygenase [NAD(P)H] inhibitor
0,063	0,022	4-Hydroxyphenylpyruvate dioxygenase inhibitor
0,063	0,059	Aralkylamine dehydrogenase inhibitor
0,063	0,060	Oxaloacetate decarboxylase inhibitor
0,062	0,007	FtsZ polymerization inhibitor
0,062	0,046	Adenosine A3 receptor antagonist
0,062	0,061	Lactate-malate transhydrogenase inhibitor
0,061	0,007	Orsellinate decarboxylase inhibitor
0,061	0,016	Anhydrotetracycline monooxygenase inhibitor
0,060	0,005	Opioid delta 2 receptor antagonist
0,060	0,047	Pyridoxamine-phosphate oxidase inhibitor
0,060	0,060	Plasminogen activator stimulant
0,058	0,005	Purinergic P2X4 antagonist
0,058	0,006	Opioid delta 1 receptor antagonist
0,058	0,018	Aldehyde dehydrogenase 3 substrate
0,058	0,049	Leukotriene B4 antagonist
0,058	0,055	Prephenate dehydratase inhibitor
0,057	0,048	Arabinogalactan endo-1,4-beta-galactosidase inhibitor
0,057	0,050	Phenylalanine 2-monooxygenase inhibitor
0,057	0,057	UDP-N-acetylmuramoylalanine-D-glutamate ligase inhibitor
0,056	0,037	Osmotic diuretic
0,055	0,031	17-Beta-hydroxysteroid dehydrogenase 1 inhibitor
0,055	0,034	Dual specificity protein phosphatase VHR inhibitor
0,054	0,026	CYP3A11 substrate
0,051	0,040	Protein kinase C epsilon inhibitor
0,050	0,005	Protein kinase C beta I inhibitor
0,050	0,016	Protocatechuate 4,5-dioxygenase inhibitor
0,049	0,035	Dihydroorotate oxidase inhibitor
0,049	0,042	CYP17 substrate
0,049	0,046	Antifungal (Pneumocystis)
0,048	0,039	Deoxyhypusine monooxygenase inhibitor
0,047	0,021	Cyclohexadienyl dehydrogenase inhibitor

0,047	0,045	Glycolaldehyde dehydrogenase inhibitor
0,045	0,032	Chorismate mutase inhibitor
0,043	0,029	Electron transport complex I inhibitor
0,043	0,040	Phospholipase A2 IIa inhibitor
0,042	0,004	NAD(P)H dehydrogenase (quinone) 1 inhibitor
0,042	0,018	Opioid kappa 1 receptor antagonist
0,042	0,041	Thyroid hormone agonist
0,039	0,033	Cholesterol absorption inhibitor
0,039	0,039	CDK4/cyclin D1 inhibitor
0,037	0,019	Ryanodine receptor 1 antagonist
0,037	0,019	Ryanodine receptor antagonist
0,036	0,036	Antimitotic, Podophyllotoxin-like
0,035	0,017	Vitamin K-like
0,035	0,018	Nucleoside transporters inhibitor
0,033	0,021	Postcoital contraceptive
0,031	0,029	Cortisol sulfotransferase inhibitor
0,030	0,019	DNA gyrase inhibitor
0,028	0,015	Phenylpyruvate tautomerase inhibitor
0,028	0,018	Phosphogluconate 2-dehydrogenase inhibitor
0,027	0,026	Dopamine D1A antagonist
0,024	0,014	Antibiotic Tetracycline-like
0,022	0,018	Dopamine D2B antagonist

Kaempferol			Myricetin	
Pa	Pi	Activity	Pa	Pi
0,983	0,001	Chlordecone reductase inhibitor	0,984	0,001
0,974	0,002	Membrane integrity agonist	0,969	0,002
0,969	0,002	HIF1A expression inhibitor	0,967	0,001
0,965	0,001	2-Dehydropantoate 2-reductase inh	1 0,968	0,002
0,961	0,001	Aryl-alcohol dehydrogenase (NADP+	2 0,966	0,001
0,959	0,001	Kinase inhibitor	0,964	0,002
0,959	0,001	P-benzoquinone reductase (NADPH)	3 0,963	0,001
0,957	0,002	Membrane permeability inhibitor	0,961	0,001
0,956	0,001	Peroxidase inhibitor	0,959	0,002
0,951	0,001	Quercetin 2,3-dioxygenase inhibitor	0,958	0,001
0,948	0,001	Antimutagenic	0,957	0,001
0,947	0,001	NADPH-ferrihemoprotein reductase inhib	0,953	0,001
0,945	0,002	HMOX1 expression enhancer	0,952	0,002
0,944	0,002	CYP1A inducer	0,948	0,002
0,931	0,001	2-Dehydropantolactone reductase (A-spe	0,946	0,001
0,931	0,001	Glycerol dehydrogenase (NADP+) inhibito	0,944	0,001
0,933	0,003	CYP1A1 substrate	0,946	0,004
0,931	0,004	TP53 expression enhancer	0,944	0,004
0,926	0,001	Cystathionine beta-synthase inhibitor	0,939	0,001
0,928	0,004	CYP1A substrate	0,938	0,001
0,925	0,001	2-Enoate reductase inhibitor	0,931	0,001
0,924	0,001	CYP1A1 inducer	0,927	0,002
0,929	0,006	CYP2C12 substrate	4 0,924	0,003
0,923	0,002	Alcohol dehydrogenase (NADP+) inhibitor	0,917	0,001
0,923	0,004	Ubiquinol-cytochrome-c reductase inhibit	0,919	0,003
0,919	0,001	Beta-carotene 15,15'-monooxygenase inl	0,917	0,001
0,917	0,001	MAP kinase stimulant	0,919	0,004
0,906	0,002	UGT1A9 substrate	0,914	0,001
0,907	0,004	CYP1A2 substrate	5 0,915	0,004
0,904	0,002	Histidine kinase inhibitor	0,912	0,002
0,896	0,003	CYP1A inhibitor	0,908	0,004
0,894	0,002	Antihemorrhagic	0,906	0,002
0,894	0,004	Anaphylatoxin receptor antagonist	0,903	0,001
0,890	0,002	Xenobiotic-transporting ATPase inhibitor	0,900	0,002
0,889	0,002	NADPH oxidase inhibitor	0,899	0,002
0,887	0,002	UGT1A10 substrate	0,897	0,002
0,878	0,001	Chalcone isomerase inhibitor	0,898	0,003
0,880	0,003	CYP1A2 inhibitor	0,903	0,011
0,881	0,005	Apoptosis agonist	0,892	0,002
0,868	0,002	AR expression inhibitor	0,893	0,006
0,865	0,002	CYP1A1 inhibitor	0,886	0,003
0,867	0,005	Aldehyde oxidase inhibitor	0,876	0,002
0,858	0,001	Testosterone 17beta-dehydrogenase inhi	0,877	0,003
0,858	0,002	UGT1A3 substrate	0,876	0,002

0,856	0,003	Antioxidant	0,866	0,001
0,856	0,003	UGT1A substrate	0,860	0,001
0,852	0,010	Antiseborrheic	0,861	0,004
0,841	0,001	Iodide peroxidase inhibitor	0,856	0,002
0,857	0,018	Aspulinone dimethylallyltransferase inhi	0,850	0,002
0,838	0,003	UGT1A1 substrate	0,853	0,006
0,833	0,004	UDP-glucuronosyltransferase substrate	0,846	0,003
0,823	0,001	Creatine kinase inhibitor	0,839	0,002
0,824	0,002	CYP19 inhibitor	0,841	0,008
0,821	0,006	CYP3A4 inducer	0,836	0,003
0,815	0,001	CYP19A1 expression inhibitor	6 0,832	0,002
0,814	0,003	Cardioprotectant	0,824	0,001
0,809	0,002	CYP1B1 inhibitor	0,823	0,002
0,808	0,002	1-Alkylglycerophosphocholine O-acetyltræ	0,808	0,002
0,807	0,005	Vasoprotector	0,806	0,002
0,798	0,001	Alcohol dehydrogenase [NAD(P)+] inhibitr	0,809	0,006
0,797	0,002	NOS2 expression inhibitor	0,803	0,001
0,796	0,002	Hemostatic	0,803	0,003
0,794	0,005	27-Hydroxycholesterol 7alpha-monooxyg	0,798	0,001
0,782	0,003	UGT1A8 substrate	0,800	0,005
0,783	0,004	Lipid peroxidase inhibitor	0,796	0,001
0,791	0,013	Antineoplastic	0,795	0,001
0,784	0,007	CYP3A inducer	0,795	0,001
0,777	0,004	APOA1 expression enhancer	0,792	0,002
0,772	0,002	Morphine 6-dehydrogenase inhibitor	0,790	0,001
0,775	0,005	4-Nitrophenol 2-monooxygenase inhibito	0,788	0,001
0,771	0,003	Free radical scavenger	0,789	0,004
0,762	0,005	CYP2B5 substrate	0,784	0,002
0,758	0,003	CYP2C8 inhibitor	0,800	0,019
0,759	0,005	UGT1A6 substrate	0,782	0,001
0,755	0,002	3-Methylbutanal reductase inhibitor	0,784	0,006
0,754	0,002	UGT2B15 substrate	0,779	0,002
0,753	0,005	Cholestanetriol 26-monooxygenase inhibi	0,780	0,003
0,749	0,002	Xanthine oxidase inhibitor	0,778	0,002
0,745	0,002	SULT1A3 substrate	0,773	0,007
0,738	0,005	MMP9 expression inhibitor	0,761	0,004
0,745	0,013	JAK2 expression inhibitor	0,747	0,004
0,722	0,003	Interleukin 4 antagonist	0,752	0,013
0,722	0,004	Malate dehydrogenase inhibitor	0,774	0,041
0,722	0,004	UGT2B substrate	0,737	0,006
0,716	0,004	Monophenol monooxygenase inhibitor	0,734	0,005
0,715	0,004	Histamine release stimulant	0,723	0,004
0,713	0,003	CF transmembrane conductance regulato	0,733	0,014
0,714	0,005	CYP2A4 substrate	0,721	0,007
0,727	0,019	Dehydro-L-gulonate decarboxylase inhibi	0,713	0,004
0,711	0,004	Pectate lyase inhibitor	0,711	0,002
0,715	0,008	Anticarcinogenic	0,710	0,003

0,709	0,004	Leukotriene-B4 20-monooxygenase inhib	0,720	0,013
0,705	0,001	Capillary fragility treatment	0,708	0,004
0,707	0,004	Beta glucuronidase inhibitor	0,705	0,001
0,716	0,015	CYP2C substrate	0,744	0,041
0,738	0,040	Mucomembranous protector	0,694	0,003
0,710	0,015	Alkane 1-monooxygenase inhibitor	0,702	0,012
0,699	0,005	Sulfotransferase substrate	0,696	0,007
0,691	0,002	Glutathione-disulfide reductase inhibitor	0,698	0,009
0,691	0,004	Plastoquinol-plastocyanin reductase inhik	0,728	0,044
0,700	0,012	CYP2C9 substrate	0,695	0,013
0,692	0,005	Histamine release inhibitor	0,682	0,005
0,682	0,001	3-Oxoacyl-[acyl-carrier-protein] synthase	0,679	0,005
0,723	0,048	Testosterone 17beta-dehydrogenase (NA	0,677	0,004
0,675	0,001	Xanthine dehydrogenase inhibitor	0,670	0,001
0,690	0,020	Glutathione thiolesterase inhibitor	0,670	0,002
0,672	0,005	UGT2B12 substrate	0,668	0,005
0,669	0,002	RELA expression inhibitor	0,664	0,003
0,667	0,002	Astringent	0,649	0,001
0,663	0,001	Hydroxysteroid dehydrogenase inhibitor	0,653	0,009
0,670	0,008	Hepatoprotectant	0,694	0,052
0,669	0,008	Chemopreventive	0,645	0,008
0,676	0,019	Antiinflammatory	0,642	0,009
0,663	0,006	Tetrahydroxynaphthalene reductase inhik	0,641	0,009
0,657	0,004	4-Coumarate-CoA ligase inhibitor	0,650	0,019
0,672	0,023	Glucan endo-1,6-beta-glucosidase inhibiti	0,633	0,005
0,660	0,012	CYP2A6 substrate	0,659	0,044
0,698	0,051	CYP2J substrate	0,622	0,006
0,647	0,005	Trans-1,2-dihydrobenzene-1,2-diol dehyd	0,622	0,009
0,652	0,014	NAD(P)+-arginine ADP-ribosyltransferase	0,618	0,005
0,638	0,004	Chemoprotective	0,631	0,020
0,641	0,009	Reductant	0,603	0,001
0,690	0,062	Gluconate 2-dehydrogenase (acceptor) in	0,634	0,035
0,646	0,019	CYP2B6 substrate	0,615	0,016
0,637	0,013	Pin1 inhibitor	0,597	0,002
0,665	0,042	CYP2J2 substrate	0,595	0,003
0,623	0,001	Beta-N-acetylhexosaminidase inhibitor	0,592	0,002
0,641	0,020	Thioredoxin inhibitor	0,620	0,032
0,622	0,009	5 Hydroxytryptamine release inhibitor	0,602	0,015
0,631	0,019	Cytoprotectant	0,588	0,002
0,626	0,016	CYP2A substrate	0,597	0,016
0,602	0,002	Histidinol dehydrogenase inhibitor	0,634	0,054
0,640	0,046	Sugar-phosphatase inhibitor	0,603	0,024
0,615	0,022	Insulysin inhibitor	0,590	0,011
0,596	0,003	DNA ligase (ATP) inhibitor	0,581	0,006
0,602	0,010	Proliferative diseases treatment	0,569	0,002
0,606	0,015	CYP2A2 substrate	0,578	0,012
0,605	0,014	CYP2C11 substrate	0,567	0,003

0,628	0,040	NADPH peroxidase inhibitor	0,583	0,021
0,623	0,036	CYP3A4 substrate	0,586	0,025
0,599	0,012	Neurotransmitter antagonist	0,564	0,004
0,638	0,051	Fibrinolytic	0,564	0,004
0,597	0,011	CYP2A11 substrate	0,562	0,003
0,611	0,025	CYP3A2 substrate	0,567	0,009
0,598	0,012	Platelet adhesion inhibitor	0,560	0,002
0,590	0,004	Nitric oxide antagonist	0,597	0,040
0,588	0,004	Alcohol dehydrogenase inhibitor	0,567	0,016
0,583	0,001	Histone deacetylase SIRT2 stimulant	0,555	0,004
0,613	0,033	NADPH-cytochrome-c2 reductase inhibitor	0,553	0,003
0,610	0,033	Oxidoreductase inhibitor	0,604	0,054
0,591	0,015	CYP2F1 substrate	0,558	0,008
0,583	0,009	Nitrite reductase [NAD(P)H] inhibitor	0,566	0,017
0,575	0,004	CYP1B substrate	0,562	0,016
0,607	0,038	Kidney function stimulant	0,549	0,005
0,579	0,009	5 Hydroxytryptamine uptake stimulant	0,566	0,025
0,574	0,004	UGT1A7 substrate	0,567	0,026
0,590	0,022	Ecdysone 20-monooxygenase inhibitor	0,582	0,043
0,575	0,010	Glyoxylate oxidase inhibitor	0,557	0,018
0,571	0,006	2,6-Dihydroxypyridine 3-monooxygenase	0,550	0,012
0,585	0,024	Lipid metabolism regulator	0,578	0,041
0,590	0,029	Nitrate reductase (cytochrome) inhibitor	0,541	0,004
0,599	0,041	Ribulose-phosphate 3-epimerase inhibitor	0,543	0,009
0,563	0,005	CYP2A5 substrate	0,583	0,049
0,557	0,002	Severe acute respiratory syndrome treatment	0,631	0,100
0,566	0,013	Antineoplastic (breast cancer)	0,568	0,041
0,592	0,040	CYP3A substrate	0,530	0,003
0,556	0,004	NF-E2-related factor 2 stimulant	0,566	0,042
0,553	0,003	DOPA decarboxylase inhibitor	0,525	0,005
0,566	0,017	Steroid N-acetylglucosaminyltransferase inhibitor	0,524	0,005
0,548	0,003	Lactoylglutathione lyase inhibitor	0,522	0,004
0,560	0,015	3-Phytase inhibitor	0,520	0,005
0,579	0,034	Feruloyl esterase inhibitor	0,537	0,022
0,586	0,042	Complement factor D inhibitor	0,541	0,026
0,567	0,024	Radiosensitizer	0,565	0,051
0,554	0,011	1-Acylglycerol-3-phosphate O-acyltransferase	0,519	0,004
0,609	0,067	Nicotinic alpha6beta3beta4alpha5 receptor	0,547	0,033
0,544	0,004	Estrogen receptor beta antagonist	0,513	0,001
0,543	0,004	Estrogen antagonist	0,547	0,036
0,596	0,057	Taurine dehydrogenase inhibitor	0,515	0,004
0,542	0,003	Skin whitener	0,529	0,022
0,556	0,017	Peptide alpha-N-acetyltransferase inhibitor	0,510	0,003
0,566	0,028	Alopecia treatment	0,530	0,024
0,543	0,007	CYP3A7 substrate	0,546	0,040
0,554	0,018	Antiprotozoal (Leishmania)	0,543	0,038
0,544	0,009	CYP2C9 inducer	0,517	0,013

0,539	0,005	Maillard reaction inhibitor	0,506	0,005
0,538	0,004	MAO inhibitor	0,503	0,003
0,543	0,009	CYP2G1 substrate	0,540	0,040
0,567	0,032	Fatty-acyl-CoA synthase inhibitor	0,544	0,044
0,534	0,003	MAO A inhibitor	0,510	0,010
0,534	0,003	Thyroxine 5-deiodinase inhibitor	0,504	0,004
0,545	0,017	Cis-1,2-dihydro-1,2-dihydroxynaphthalen	0,521	0,022
0,531	0,003	GABA C receptor antagonist	0,516	0,016
0,541	0,014	4-Methoxybenzoate monooxygenase (O-	0,510	0,012
0,555	0,028	Aminobutyraldehyde dehydrogenase inhi	0,500	0,005
0,549	0,024	CYP2A1 substrate	0,530	0,036
0,531	0,005	HCV IRES inhibitor	0,496	0,005
0,530	0,004	Aryl hydrocarbon receptor agonist	0,500	0,010
0,528	0,003	Melanin inhibitor	0,501	0,011
0,537	0,015	Sulfite oxidase inhibitor	0,528	0,040
0,554	0,034	Oxygen scavenger	0,486	0,002
0,538	0,022	Radioprotector	0,488	0,007
0,518	0,003	Pim-1 kinase inhibitor	0,504	0,025
0,543	0,033	CYP3A1 substrate	0,508	0,029
0,552	0,043	UDP-N-acetylglucosamine 4-epimerase in	0,479	0,004
0,510	0,002	NAD(P)H dehydrogenase (quinone) inhibi	0,518	0,043
0,518	0,011	2,3-Dihydroxyindole 2,3-dioxygenase inhi	0,491	0,019
0,567	0,065	Glutamyl endopeptidase II inhibitor	0,482	0,012
0,505	0,005	Estrogen agonist	0,518	0,048
0,559	0,060	5-O-(4-coumaroyl)-D-quinat 3'-monooxy	0,471	0,003
0,520	0,022	Cytostatic	0,471	0,003
0,545	0,048	Acetylcholine neuromuscular blocking ag	0,501	0,033
0,508	0,011	GST M substrate	0,500	0,033
0,509	0,012	Quinoprotein glucose dehydrogenase inh	0,527	0,061
0,518	0,022	Threonine aldolase inhibitor	0,484	0,018
0,510	0,015	Gonadotropin antagonist	0,475	0,013
0,505	0,011	Hepatic disorders treatment	0,473	0,012
0,500	0,007	CYP2A3 substrate	0,514	0,053
0,530	0,037	Membrane integrity antagonist	0,497	0,039
0,495	0,003	Histone deacetylase stimulant	0,534	0,078
0,495	0,003	Histone deacetylase SIRT1 stimulant	0,510	0,054
0,496	0,005	Antiviral (Hepatitis B)	0,459	0,005
0,527	0,037	Trans-acenaphthene-1,2-diol dehydrogen	0,474	0,020
0,501	0,013	Transcription factor inhibitor	0,498	0,045
0,501	0,013	Magnesium-protoporphyrin IX monometl	0,455	0,002
0,532	0,044	2-Hydroxyquinoline 8-monooxygenase inl	0,456	0,003
0,505	0,021	Antihypercholesterolemic	0,475	0,025
0,489	0,007	Endopeptidase La inhibitor	0,453	0,003
0,502	0,021	Vasodilator	0,524	0,074
0,481	0,004	Pyruvate kinase inhibitor	0,494	0,045
0,490	0,014	Antiseptic	0,452	0,004
0,478	0,003	SULT1E1 substrate	0,467	0,020

0,561	0,088	Chymosin inhibitor	0,463	0,018
0,561	0,088	Acrocyllindropepsin inhibitor	0,470	0,026
0,561	0,088	Saccharopepsin inhibitor	0,492	0,051
0,483	0,012	Antiviral (Herpes)	0,452	0,011
0,496	0,026	CYP2B substrate	0,443	0,004
0,474	0,005	Antidote	0,444	0,004
0,472	0,005	CTGF expression inhibitor	0,464	0,026
0,496	0,030	CYP2C19 substrate	0,439	0,005
0,548	0,082	Glycosylphosphatidylinositol phospholipa	0,436	0,003
0,495	0,031	Antifungal	0,443	0,010
0,487	0,026	Antiulcerative	0,436	0,005
0,465	0,003	Telomerase inhibitor	0,435	0,004
0,523	0,063	Phthalate 4,5-dioxygenase inhibitor	0,433	0,002
0,463	0,005	Antineoplastic (small cell lung cancer)	0,440	0,011
0,538	0,083	Phosphatase inhibitor	0,432	0,004
0,483	0,028	Vasodilator, coronary	0,456	0,028
0,470	0,016	Hydroxylamine reductase (NADH) inhibitc	0,441	0,013
0,466	0,012	RNA directed DNA polymerase inhibitor	0,445	0,017
0,456	0,003	Estrone sulfotransferase inhibitor	0,478	0,050
0,473	0,021	CYP2E substrate	0,445	0,017
0,456	0,004	Nav1.5 sodium channel blocker	0,432	0,004
0,453	0,001	Fatty acid synthase inhibitor	0,489	0,063
0,489	0,038	3-Hydroxybenzoate 6-monooxygenase inl	0,510	0,085
0,459	0,009	CYP2C6 substrate	0,452	0,026
0,482	0,033	Nicotine dehydrogenase inhibitor	0,437	0,012
0,461	0,013	Antiprotozoal	0,462	0,039
0,452	0,006	P-glycoprotein inhibitor	0,424	0,003
0,466	0,020	Salicylate 1-monooxygenase inhibitor	0,446	0,028
0,458	0,012	Choleretic	0,421	0,005
0,453	0,009	CYP1A2 inducer	0,433	0,016
0,462	0,021	Mediator release inhibitor	0,431	0,015
0,476	0,035	TNF expression inhibitor	0,449	0,036
0,445	0,005	CYP1B1 substrate	0,422	0,010
0,443	0,003	15-Lipoxygenase inhibitor	0,430	0,019
0,506	0,066	Platelet aggregation stimulant	0,452	0,041
0,479	0,040	Aspartate-phenylpyruvate transaminase i	0,444	0,034
0,482	0,044	Manganese peroxidase inhibitor	0,432	0,023
0,518	0,081	Fusarinine-C ornithinesterase inhibitor	0,418	0,010
0,441	0,004	MO15-related protein kinase Pfmrk inhibi	0,417	0,009
0,473	0,036	Arylsulfate sulfotransferase inhibitor	0,415	0,007
0,444	0,009	Vascular (periferal) disease treatment	0,431	0,029
0,436	0,003	Aldose reductase inhibitor	0,413	0,012
0,447	0,014	UGT1A4 substrate	0,435	0,035
0,475	0,043	CYP2D16 substrate	0,419	0,019
0,458	0,027	Dextranase inhibitor	0,416	0,016
0,467	0,038	Mannan endo-1,4-beta-mannosidase inhi	0,406	0,009
0,430	0,002	Demethylsterigmatocystin 6-O-methyltra	0,417	0,021

0,442	0,014	Myosin ATPase inhibitor	0,421	0,025
0,450	0,023	Hyponitrite reductase inhibitor	0,404	0,008
0,448	0,022	CYP2E1 substrate	0,482	0,086
0,475	0,051	Antipruritic, allergic	0,445	0,049
0,482	0,060	Preneoplastic conditions treatment	0,427	0,033
0,442	0,020	Antileukemic	0,397	0,005
0,438	0,016	CYP2B11 substrate	0,427	0,037
0,425	0,003	Phosphoenolpyruvate carboxylase inhibit	0,393	0,002
0,456	0,035	Caspase 3 stimulant	0,394	0,004
0,435	0,014	Vitamin-K-epoxide reductase (warfarin-in	0,487	0,098
0,474	0,053	Glucose oxidase inhibitor	0,435	0,047
0,439	0,019	UGT2B4 substrate	0,405	0,018
0,445	0,026	EIF4E expression inhibitor	0,410	0,024
0,483	0,065	Alkenylglycerophosphocholine hydrolase	0,398	0,012
0,437	0,021	Clavamate synthase inhibitor	0,428	0,042
0,448	0,033	N-hydroxyarylamine O-acetyltransferase	0,394	0,009
0,480	0,065	Carboxypeptidase Taq inhibitor	0,391	0,007
0,461	0,047	CYP2C8 substrate	0,387	0,006
0,446	0,033	Chemosensitizer	0,421	0,041
0,442	0,029	Corticosteroid side-chain-isomerase inhib	0,430	0,052
0,429	0,018	Prostate cancer treatment	0,404	0,026
0,442	0,034	GABA aminotransferase inhibitor	0,467	0,090
0,461	0,053	Thromboxane B2 antagonist	0,429	0,054
0,440	0,034	CYP2E1 inducer	0,376	0,003
0,408	0,004	Dual specificity phosphatase 1 inhibitor	0,381	0,009
0,464	0,060	(R)-6-hydroxynicotine oxidase inhibitor	0,379	0,007
0,490	0,086	Calcium channel (voltage-sensitive) activa	0,374	0,005
0,482	0,079	Mucositis treatment	0,414	0,046
0,474	0,072	Ovulation inhibitor	0,371	0,004
0,443	0,041	Gamma-guanidinobutyraldehyde dehydr	0,376	0,008
0,443	0,042	Hydroxylamine oxidase inhibitor	0,403	0,036
0,451	0,050	Linoleate diol synthase inhibitor	0,372	0,007
0,454	0,054	Trimethylamine-oxide aldolase inhibitor	0,436	0,072
0,419	0,021	Antiosteoporotic	0,368	0,005
0,442	0,044	Lactase inhibitor	0,392	0,029
0,406	0,008	Phloroglucinol reductase inhibitor	0,365	0,003
0,423	0,026	Antiparasitic	0,371	0,010
0,404	0,007	CYP2A10 substrate	0,366	0,004
0,477	0,080	Protein-disulfide reductase (glutathione)	0,418	0,058
0,473	0,077	Electron-transferring-flavoprotein dehydr	0,425	0,066
0,400	0,004	Proteasome endopeptidase complex inhib	0,406	0,048
0,421	0,026	Antituberculosic	0,362	0,004
0,411	0,015	Dihydroxy-acid dehydratase inhibitor	0,448	0,091
0,441	0,046	Malate dehydrogenase (acceptor) inhibit	0,396	0,041
0,436	0,042	Spasmolytic	0,359	0,004
0,437	0,043	Antiallergic	0,378	0,024
0,427	0,033	Antimycobacterial	0,356	0,002

0,424	0,033	N-methylhydantoinase (ATP-hydrolysing)	0,400	0,046
0,447	0,056	Sulfur reductase inhibitor	0,434	0,081
0,406	0,016	3-Demethylubiquinone-9 3-O-methyltran	0,370	0,018
0,396	0,006	Alkaline phosphatase inhibitor	0,403	0,052
0,393	0,003	Cyclin-dependent kinase 6 inhibitor	0,354	0,004
0,430	0,043	Glucan 1,4-alpha-maltotriohydrolase inhibi	0,375	0,026
0,392	0,004	P-glycoprotein 1 inhibitor	0,357	0,009
0,404	0,018	Angiogenesis stimulant	0,441	0,093
0,396	0,010	Photosensitizer	0,404	0,057
0,426	0,040	tRNA-pseudouridine synthase I inhibitor	0,400	0,052
0,425	0,039	Menopausal disorders treatment	0,354	0,008
0,485	0,100	Pseudolysin inhibitor	0,479	0,133
0,420	0,035	Anthelmintic (Nematodes)	0,384	0,039
0,449	0,066	1,4-Lactonase inhibitor	0,446	0,101
0,396	0,015	Glutaminase inhibitor	0,392	0,047
0,432	0,051	Nucleotide metabolism regulator	7 0,410	0,068
0,396	0,016	Vomilenine glucosyltransferase inhibitor	0,402	0,060
0,422	0,042	Lysostaphin inhibitor	0,377	0,035
0,383	0,004	Gout treatment	0,408	0,066
0,425	0,049	CYP2D6 substrate	0,393	0,052
0,391	0,016	Proto-oncogene tyrosine-protein kinase F	0,351	0,013
0,401	0,028	Carminative	0,347	0,009
0,376	0,004	SULT1A1 substrate	0,371	0,035
0,397	0,025	Cytochrome P450 inhibitor	0,343	0,010
0,405	0,033	4-Hydroxyphenylacetate 3-monooxygena	0,389	0,057
0,375	0,005	Lipoxygenase inhibitor	0,386	0,057
0,440	0,072	Fructose 5-dehydrogenase inhibitor	0,377	0,048
0,374	0,007	Histidine decarboxylase inhibitor	0,352	0,023
0,377	0,012	Phenylpyruvate decarboxylase inhibitor	0,337	0,009
0,373	0,007	Laxative	0,457	0,133
0,369	0,005	Catechol 1,2-dioxygenase inhibitor	0,457	0,133
0,395	0,031	Antibacterial	0,457	0,133
0,402	0,038	Antiprotozoal (Trypanosoma)	0,386	0,062
0,439	0,074	GST A substrate	0,392	0,068
0,377	0,013	Phenol 2-monooxygenase inhibitor	0,331	0,009
0,400	0,037	Leukotriene-C4 synthase inhibitor	0,402	0,080
0,412	0,049	Rubredoxin-NAD+ reductase inhibitor	0,396	0,075
0,429	0,067	Arginine 2-monooxygenase inhibitor	0,334	0,014
0,431	0,069	Pterin deaminase inhibitor	0,321	0,003
0,366	0,004	Protein kinase (CK2) inhibitor	0,397	0,080
0,388	0,026	Opioid kappa 3 receptor antagonist	0,390	0,073
0,384	0,023	Glycerol 2-dehydrogenase (NADP+) inhibi	0,354	0,037
0,426	0,066	5 Hydroxytryptamine release stimulant	0,340	0,024
0,427	0,067	Octopamine antagonist	0,375	0,059
0,414	0,057	Methylenetetrahydrofolate reductase (N/	0,393	0,079
0,404	0,047	Prostaglandin-A1 DELTA-isomerase inhibi	0,322	0,009
0,408	0,052	CYP2D substrate	0,438	0,126

0,372	0,016	Antidiabetic symptomatic	0,332	0,021
0,431	0,076	Phosphatidylcholine-retinol O-acyltransfe	0,454	0,144
0,359	0,004	Estradiol 17 beta dehydrogenase inhibito	0,359	0,048
0,382	0,028	Bone diseases treatment	0,406	0,096
0,400	0,047	Antiviral (Influenza)	0,401	0,093
0,438	0,085	Glucan endo-1,3-beta-D-glucosidase inhibi	0,334	0,026
0,378	0,025	CDP-diacylglycerol-glycerol-3-phosphate	0,350	0,044
0,387	0,036	Carbon-monoxide dehydrogenase inhibitor	0,390	0,085
0,366	0,015	CYP2A6 inhibitor	0,309	0,005
0,355	0,004	Sepiapterin reductase inhibitor	0,370	0,068
0,381	0,030	Succinate-semialdehyde dehydrogenase [0,343	0,041
0,375	0,025	Non-steroidal antiinflammatory agent	0,415	0,114
0,391	0,041	Nitrite reductase (NO-forming) inhibitor	0,337	0,037
0,368	0,019	Prunasin beta-glucosidase inhibitor	0,397	0,097
0,433	0,084	Acylcarnitine hydrolase inhibitor	0,382	0,085
0,353	0,004	Gastritis treatment	0,410	0,113
0,433	0,085	Lysase inhibitor	0,302	0,005
0,365	0,018	UGT2B28 substrate	0,371	0,074
0,361	0,014	Gentisate 1,2-dioxygenase inhibitor	0,341	0,045
0,388	0,041	Retinoic acid metabolism inhibitor	0,307	0,011
0,359	0,012	CYP2C8 inducer	0,298	0,003
0,399	0,053	Caspase 8 stimulant	0,320	0,026
0,355	0,010	Dual specificity phosphatase inhibitor	0,416	0,121
0,358	0,014	Anti-Helicobacter pylori	0,327	0,033
0,396	0,054	Mycothioliol-S-conjugate amidase inhibitor	0,384	0,091
0,366	0,024	CYP2B10 substrate	0,354	0,063
0,438	0,095	Macrophage colony stimulating factor ag	0,373	0,082
0,407	0,066	Respiratory analeptic	0,390	0,099
0,344	0,004	Pim kinase inhibitor	0,314	0,024
0,366	0,027	Protein-Npi-phosphohistidine-sugar phos	0,320	0,031
0,355	0,017	(S)-3-hydroxyacid ester dehydrogenase in	0,309	0,019
0,400	0,062	Formaldehyde transketolase inhibitor	0,344	0,056
0,409	0,072	Hydrogen dehydrogenase inhibitor	0,325	0,037
0,376	0,039	CYP7 inhibitor	0,320	0,033
0,367	0,031	Indanol dehydrogenase inhibitor	0,350	0,063
0,345	0,009	Antiprotozoal (Plasmodium)	0,306	0,020
0,429	0,094	Phospholipid-translocating ATPase inhibi	0,398	0,113
0,436	0,102	Nicotinic alpha2beta2 receptor antagonis	0,384	0,100
0,348	0,015	CYP2B2 substrate	0,297	0,013
0,364	0,030	Linoleoyl-CoA desaturase inhibitor	0,286	0,002
0,396	0,063	Acetylgalactosaminyl-O-glycosyl-glycopro	0,389	0,105
0,342	0,009	Protein phosphatase inhibitor	0,287	0,003
0,389	0,056	Glycerol-3-phosphate oxidase inhibitor	0,360	0,078
0,416	0,083	Leukopoiesis stimulant	0,284	0,002
0,416	0,084	Alkylacetyllycerophosphatase inhibitor	0,318	0,036
0,357	0,027	Peroxidase substrate	0,352	0,070
0,388	0,057	FMO1 substrate	0,301	0,020

0,364	0,035	Sulfite reductase inhibitor	0,312	0,031
0,392	0,063	L-glutamate oxidase inhibitor	0,322	0,042
0,330	0,003	Estradiol 17 beta dehydrogenase 2 inhibit	0,311	0,031
0,341	0,014	Antineoplastic (cervical cancer)	0,378	0,099
0,389	0,062	(S)-6-hydroxynicotine oxidase inhibitor	0,380	0,103
0,334	0,008	Protein-tyrosine phosphatase inhibitor	0,347	0,070
0,328	0,002	Breast cancer-resistant protein inhibitor	0,338	0,062
0,339	0,014	Aldehyde dehydrogenase inhibitor	0,310	0,034
0,362	0,037	Para amino benzoic acid antagonist	0,325	0,049
0,386	0,062	Alkenylglycerophosphoethanolamine hyd	0,351	0,076
0,373	0,049	Phosphopantothenoilcysteine decarboxy	0,282	0,007
0,389	0,065	Gluconate 5-dehydrogenase inhibitor	0,346	0,070
0,327	0,005	Protein kinase stimulant	0,317	0,042
0,329	0,008	Antifibrinolytic	0,279	0,004
0,348	0,027	Antitussive	0,321	0,047
0,379	0,059	Mucinamylserine mucinamidase inhib	0,384	0,111
0,346	0,027	3-Hydroxy-4-oxoquinoline 2,4-dioxygenase	0,358	0,086
0,395	0,076	CYP2D15 substrate	0,302	0,031
0,362	0,043	NADH kinase inhibitor	0,276	0,005
0,379	0,061	Peptidoglycan glycosyltransferase inhibi	0,340	0,070
0,409	0,090	Venombin AB inhibitor	0,350	0,079
0,349	0,031	RNA synthesis inhibitor	0,307	0,037
0,322	0,004	HIV-1 integrase (3'-Processing) inhibitor	0,307	0,037
0,412	0,094	Limulus clotting factor B inhibitor	0,322	0,052
0,343	0,026	CYP2C29 substrate	0,310	0,040
0,349	0,031	Antineoplastic (lung cancer)	0,307	0,037
0,321	0,004	HIV-1 integrase (Strand Transfer) inhibito	0,354	0,084
0,341	0,026	Antiuremic	0,377	0,107
0,358	0,043	Cardiovascular analeptic	0,317	0,048
0,410	0,095	Chloride peroxidase inhibitor	0,340	0,073
0,341	0,027	D-amino-acid dehydrogenase inhibitor	0,284	0,017
0,328	0,014	Glutathione S-transferase substrate	0,381	0,115
0,322	0,009	Guanosine-3',5'-bis(diphosphate) 3'-diph	0,381	0,116
0,491	0,179	Phobic disorders treatment	0,311	0,048
0,337	0,025	CYP2E1 inhibitor	0,277	0,014
0,314	0,002	Enoyl-[acyl-carrier-protein] reductase (NA	0,415	0,153
0,384	0,073	Pancreatic elastase inhibitor	0,283	0,021
0,368	0,058	Naphthalene 1,2-dioxygenase inhibitor	0,327	0,065
0,368	0,058	Ferredoxin-NAD+ reductase inhibitor	0,342	0,081
0,370	0,060	Glyoxylate reductase inhibitor	0,349	0,088
0,337	0,028	Tryptophan 2,3-dioxygenase inhibitor	0,266	0,006
0,353	0,044	Long-chain-aldehyde dehydrogenase inhi	0,292	0,032
0,379	0,070	S-formylglutathione hydrolase inhibitor	0,378	0,118
0,331	0,023	MAP kinase kinase 4 inhibitor	0,285	0,025
0,310	0,002	CYP26 inhibitor	0,311	0,052
0,432	0,124	Nicotinic alpha4beta4 receptor agonist	0,340	0,081
0,339	0,031	ICAM1 expression inhibitor	0,269	0,011

0,377	0,069	Phenol O-methyltransferase inhibitor	0,323	0,065
0,328	0,021	Mcl-1 antagonist	0,290	0,032
0,321	0,014	Antineoplastic (sarcoma)	0,342	0,084
0,374	0,068	Dementia treatment	0,292	0,035
0,333	0,028	Antihelmintic	0,272	0,016
0,306	0,002	Aldose reductase 2 inhibitor	0,262	0,006
0,321	0,016	2-Nitropropane dioxygenase inhibitor	0,337	0,085
0,367	0,063	CYP2C18 substrate	0,258	0,006
0,354	0,050	Formate-dihydrofolate ligase inhibit	8 0,288	0,037
0,372	0,069	CYP3A3 substrate	0,329	0,079
0,331	0,028	Phosphoenolpyruvate mutase inhibitor	0,337	0,087
0,376	0,073	Exoribonuclease II inhibitor	0,315	0,065
0,315	0,013	Topoisomerase I inhibitor	0,348	0,098
0,327	0,026	UGT2B7 substrate	0,281	0,032
0,315	0,014	Keratolytic	0,270	0,021
0,325	0,024	Fumarate reductase (NADH) inhibitor	0,291	0,043
0,347	0,047	Pyruvate decarboxylase inhibitor	0,287	0,039
0,347	0,048	Monodehydroascorbate reductase (NADH)	0,410	0,162
0,316	0,017	Cell wall biosynthesis inhibitor	0,349	0,101
0,383	0,084	Dimethylargininase inhibitor	0,252	0,005
0,324	0,026	Lactaldehyde reductase inhibitor	0,295	0,047
0,341	0,044	Fructan beta-fructosidase inhibitor	0,291	0,044
0,306	0,008	HIV-2 reverse transcriptase inhibitor	0,314	0,069
0,325	0,028	Interleukin antagonist	0,260	0,016
0,311	0,014	Alkene monooxygenase inhibitor	0,336	0,091
0,301	0,004	Antithyroid	0,303	0,059
0,357	0,061	Cyanoalanine nitrilase inhibitor	0,312	0,070
0,366	0,070	N-acetylneuraminate 7-O(or 9-O)-acetyltr	0,358	0,117
0,350	0,054	Chitosanase inhibitor	0,262	0,021
0,370	0,074	CYP4A11 substrate	0,289	0,050
0,300	0,004	Estrogen beta receptor agonist	0,380	0,141
0,345	0,051	CYP4A substrate	0,243	0,005
0,368	0,074	Membrane permeability enhancer	0,241	0,004
0,381	0,087	Apyrase inhibitor	0,242	0,005
0,325	0,032	TRPA1 agonist	0,293	0,056
0,298	0,004	HIV-1 integrase inhibitor	0,293	0,056
0,309	0,016	Anthranilate 3-monooxygenase (deamina	0,275	0,038
0,371	0,079	Cl--transporting ATPase inhibitor	0,322	0,086
0,413	0,120	Omptin inhibitor	0,282	0,047
0,302	0,010	Thioredoxin reductase inhibitor	0,326	0,091
0,294	0,003	12-Lipoxygenase inhibitor	0,266	0,032
0,343	0,053	3-Cyanoalanine hydratase inhibitor	0,348	0,114
0,336	0,046	Glycerol-3-phosphate dehydrogenase inh	0,252	0,019
0,413	0,124	General pump inhibitor	0,267	0,034
0,358	0,071	Antithrombotic	0,323	0,091
0,301	0,016	Alcohol oxidase inhibitor	0,288	0,055
0,291	0,006	CYP1A3 substrate	0,328	0,096

0,311	0,025	Transcription factor NF kappa A inhibitor	0,241	0,009
0,289	0,005	Hypoxia inducible factor 1 alpha inhibitor	0,255	0,024
0,330	0,045	H+-exporting ATPase inhibitor	0,251	0,020
0,366	0,081	Neuropeptide Y4 antagonist	0,311	0,081
0,309	0,025	Apoptosis antagonist	0,257	0,027
0,330	0,046	Taurocyamine kinase inhibitor	0,276	0,047
0,330	0,046	Opheline kinase inhibitor	0,310	0,082
0,379	0,096	Lysine 2,3-aminomutase inhibitor	0,296	0,068
0,296	0,013	Diiodophenylpyruvate reductase inhibitor	0,310	0,082
0,337	0,055	Mannose isomerase inhibitor	0,287	0,060
0,363	0,081	Polyamine-transporting ATPase inhibitor	0,322	0,095
0,356	0,075	Cytochrome P450 stimulant	0,242	0,016
0,347	0,066	Chenodeoxycholytaurine hydrolase inhibitor	0,324	0,098
0,283	0,003	VEGF expression inhibitor	0,252	0,026
0,303	0,023	CYP2B1 substrate	0,268	0,043
0,374	0,095	Spasmolytic, urinary	0,254	0,029
0,297	0,018	3,4-Dihydroxy-9,10-secoandrosta-1,3,5(10H)-trien-2-one	0,273	0,048
0,341	0,063	Phosphatidylserine decarboxylase inhibitor	0,270	0,046
0,283	0,004	MAO B inhibitor	0,236	0,011
0,318	0,041	Di-trans,poly-cis-decaprenylcistransferase	0,348	0,124
0,321	0,043	Tyrosine 3 hydroxylase inhibitor	0,247	0,023
0,292	0,014	Iduronate-2-sulfatase inhibitor	0,290	0,066
0,298	0,021	Alkylator	0,350	0,127
0,317	0,041	Sorbitol-6-phosphate 2-dehydrogenase inhibitor	0,276	0,053
0,305	0,029	Endopeptidase inhibitor	0,288	0,066
0,366	0,091	Fragilysin inhibitor	0,317	0,095
0,320	0,044	Glutathione dehydrogenase (ascorbate) inhibitor	0,243	0,021
0,332	0,057	Aspergillus nuclease S1 inhibitor	0,302	0,081
0,288	0,013	Isoquinoline 1-oxidoreductase inhibitor	0,289	0,068
0,430	0,156	Polyporopepsin inhibitor	0,308	0,087
0,357	0,083	Sphinganine kinase inhibitor	0,236	0,016
0,286	0,013	Transcription factor NF kappa B inhibitor	0,297	0,077
0,314	0,041	Antipyretic	0,254	0,034
0,311	0,038	2-Oxoaldehyde dehydrogenase (NADP+) inhibitor	0,232	0,012
0,377	0,105	Erythropoiesis stimulant	0,239	0,019
0,289	0,019	Hippurate hydrolase inhibitor	0,269	0,051
0,323	0,052	Nucleoside oxidase (H2O2-forming) inhibitor	0,355	0,138
0,350	0,080	Thymidylate 5'-phosphatase inhibitor	0,332	0,115
0,284	0,014	UGT2B18 substrate	0,245	0,028
0,303	0,033	Antiperistaltic	0,246	0,030
0,294	0,024	N6-methyl-lysine oxidase inhibitor	0,292	0,076
0,323	0,054	Cyclomaltodextrinase inhibitor	0,252	0,037
0,289	0,019	Interleukin agonist	0,281	0,066
0,310	0,040	Steroid synthesis inhibitor	0,225	0,010
0,339	0,070	Muscular dystrophy treatment	0,234	0,019
0,302	0,033	Sweetener	0,260	0,046
0,366	0,097	Fibrolase inhibitor	0,283	0,069

0,344	0,075	Malate oxidase inhibitor	0,240	0,027
0,406	0,139	Acute neurologic disorders treatment	0,316	0,104
0,351	0,084	Immunosuppressant	0,286	0,074
0,274	0,008	Postmenopausal disorders treatment	0,292	0,080
0,311	0,046	Gamma-glutamyltransferase inhibitor	0,286	0,074
0,338	0,075	Antiinfective	0,240	0,028
0,297	0,034	2,4-Dichlorophenol 6-monooxygenase in	0,269	0,058
0,342	0,079	Tpr proteinase (Porphyromonas gingivalis	0,275	0,064
0,333	0,070	Dolichyl-diphosphooligosaccharide-protei	0,285	0,074
0,343	0,080	Antipruritic	0,312	0,102
0,329	0,067	Glutamine-phenylpyruvate transaminase	0,260	0,050
0,316	0,054	Glucan 1,4-alpha-maltotetraohydrolase ir	0,212	0,002
0,283	0,021	2,5-Dihydropyridine 5,6-dioxygenase in	0,241	0,031
0,290	0,028	Tauropine dehydrogenase inhibitor	0,225	0,016
0,276	0,015	UGT2B1 substrate	0,215	0,006
0,346	0,085	Analeptic	0,288	0,081
0,328	0,067	Alcohol dehydrogenase (acceptor) inhibit	0,252	0,044
0,345	0,085	Amine dehydrogenase inhibitor	0,215	0,008
0,284	0,024	Anthelmintic (Fasciola)	0,242	0,035
0,352	0,092	CYP3A5 substrate	0,250	0,044
0,320	0,061	Arylmalonate decarboxylase inhibitor	0,230	0,023
0,322	0,063	Isopenicillin-N epimerase inhibitor	0,297	0,091
0,271	0,013	Nitric oxide scavenger	0,269	0,064
0,316	0,059	Venom exonuclease inhibitor	0,326	0,121
0,317	0,060	Aryl-acylamidase inhibitor	0,224	0,019
0,321	0,064	Pullulanase inhibitor	0,275	0,071
0,308	0,051	Arylacetonitrilase inhibitor	0,241	0,036
0,280	0,024	Cyclooxygenase substrate	0,226	0,022
0,274	0,018	Leukotriene synthesis inhibitor	0,261	0,057
0,297	0,042	Horrilysin inhibitor	0,280	0,077
0,262	0,007	Protein-tyrosine phosphatase 1B inhibito	0,297	0,095
0,260	0,005	UGT2B20 substrate	0,217	0,015
0,333	0,079	Methylamine-glutamate N-methyltransfe	0,214	0,012
0,389	0,136	Gastrin inhibitor	0,290	0,088
0,337	0,084	Histidine N-acetyltransferase inhibitor	0,245	0,044
0,298	0,045	Ferredoxin hydrogenase inhibitor	0,244	0,043
0,292	0,041	GABA C receptor agonist	0,229	0,029
0,256	0,005	Estrogen alpha receptor agonist	0,209	0,009
0,315	0,064	Antinephritic	0,268	0,068
0,256	0,006	Diacylglycerol kinase inhibitor	0,204	0,005
0,309	0,060	Cytochrome-b5 reductase inhibitor	0,262	0,063
0,312	0,062	Antiinflammatory, intestinal	0,208	0,009
0,317	0,068	4-Hydroxymandelate oxidase inhibitor	0,264	0,066
0,311	0,062	Undecaprenyldiphospho-muramoylpenta	0,272	0,074
0,329	0,081	(R)-Pantolactone dehydrogenase (flavin) i	0,236	0,039
0,272	0,023	Uric acid excretion stimulant	0,204	0,007
0,313	0,065	N-acylmannosamine kinase inhibitor	0,297	0,100

0,256	0,008	CYP2B4 substrate	0,204	0,007
0,262	0,014	Antihematotoxic	0,275	0,080
0,271	0,023	4-Phytase inhibitor	0,254	0,059
0,271	0,025	Shikimate 5-dehydrogenase inhibitor	0,275	0,080
0,280	0,035	Antineoplastic (brain cancer)	0,217	0,022
0,269	0,024	3-Hydroxyphenylacetate 6-hydroxylase in	0,311	0,116
0,297	0,052	Methane monooxygenase inhibitor	0,287	0,092
0,369	0,125	Antidyskinetic	0,238	0,044
0,256	0,012	Cytochrome-b5 reductase substrate	0,259	0,064
0,290	0,046	Aminomuconate-semialdehyde dehydrog	0,200	0,006
0,248	0,004	Alpha glucosidase inhibitor	0,333	0,139
0,275	0,031	Maltose-transporting ATPase inhibitor	0,236	0,042
0,265	0,022	UGT2B9 substrate	0,233	0,041
0,304	0,061	ATP phosphoribosyltransferase inhibitor	0,310	0,117
0,247	0,005	Heat shock protein antagonist	0,231	0,039
0,278	0,036	3-Hydroxybenzoate 4-monooxygenase inl	0,217	0,025
0,353	0,111	Antihypoxic	0,208	0,016
0,263	0,023	Diphosphomevalonate decarboxylase inh	0,306	0,114
0,254	0,013	Phenylacetaldehyde dehydrogenase inhi	0,264	0,072
0,335	0,095	Spermidine dehydrogenase inhibitor	0,194	0,003
0,290	0,049	Adrenaline release stimulant	0,257	0,066
0,301	0,060	Glycolate dehydrogenase inhibitor	0,264	0,074
0,292	0,052	Mepriin B inhibitor	0,254	0,064
0,292	0,052	Cyclohexyl-isocyanide hydratase inhibitor	0,260	0,071
0,294	0,055	Bisphosphoglycerate phosphatase inhibi	0,258	0,070
0,315	0,076	ADP-thymidine kinase inhibitor	0,212	0,024
0,289	0,051	Bothrolysin inhibitor	0,240	0,052
0,257	0,021	Deoxyribonuclease I inhibitor	0,212	0,024
0,247	0,011	SMN2 expression enhancer	0,278	0,091
0,252	0,016	Psychosexual dysfunction treatment	0,280	0,093
0,261	0,025	Neurotrophic factor enhancer	0,280	0,093
0,275	0,040	Catechol oxidase inhibitor	0,253	0,066
0,308	0,074	N-formylmethionyl-peptidase inhibitor	0,225	0,038
0,283	0,049	Shikimate O-hydroxycinnamoyltransferas	0,192	0,006
0,275	0,041	Antineoplastic (colorectal cancer)	0,207	0,022
0,244	0,010	Beta lactamase inhibitor	0,276	0,091
0,258	0,025	Aldehyde dehydrogenase 2 substrate	0,275	0,090
0,292	0,060	S-alkylcysteine lyase inhibitor	0,231	0,046
0,288	0,057	Gluconolactonase inhibitor	0,248	0,063
0,316	0,085	Adenomatous polyposis treatment	0,250	0,066
0,308	0,077	Creatininase inhibitor	0,280	0,095
0,275	0,045	CYP3A4 inhibitor	0,293	0,109
0,257	0,027	Viral entry inhibitor	0,243	0,059
0,283	0,054	Uroporphyrinogen-III synthase inhibitor	0,196	0,012
0,333	0,104	Antimyopathies	0,230	0,047
0,264	0,036	2-Oxoglutarate decarboxylase inhibitor	0,298	0,116
0,258	0,029	Laminaribiose phosphorylase inhibitor	0,294	0,112

0,279	0,052	Benzaldehyde dehydrogenase (NADP+) in	0,267	0,085
0,270	0,043	Mannitol-1-phosphatase inhibitor	0,202	0,020
0,317	0,090	Sulfite dehydrogenase inhibitor	0,221	0,039
0,257	0,030	CYP4F2 substrate	0,238	0,057
0,304	0,078	Phosphatidylinositol diacylglycerol-lyase i	0,237	0,056
0,265	0,040	Antineoplastic (colon cancer)	0,297	0,116
0,279	0,055	Histidinol-phosphatase inhibitor	0,243	0,063
0,271	0,047	Crotonoyl-[acyl-carrier-protein] hydratase	0,231	0,052
0,269	0,046	N-Acyl-D-aspartate deacylase inhibitor	0,184	0,004
0,339	0,116	Vasodilator, peripheral	0,216	0,037
0,257	0,034	Penicillin amidase inhibitor	0,256	0,076
0,237	0,014	Biphenyl-2,3-diol 1,2-dioxygenase inhibitor	0,197	0,019
0,231	0,010	6-Methylsalicylate decarboxylase inhibitor	0,219	0,040
0,270	0,049	2-Hydroxy-3-oxoadipate synthase inhibitor	0,246	0,067
0,276	0,055	Methanol dehydrogenase inhibitor	0,212	0,034
0,227	0,006	5-Lipoxygenase inhibitor	0,221	0,043
0,275	0,056	2,3,4,5-Tetrahydropyridine-2,6-dicarboxy	0,292	0,114
0,300	0,082	Nicotinate dehydrogenase inhibitor	0,220	0,042
0,268	0,050	Antiprotozoal (Trichomonas)	0,309	0,131
0,269	0,052	N-hydroxy-2-acetamidofluorene reductas	0,218	0,040
0,254	0,037	Interleukin 6 antagonist	0,214	0,037
0,243	0,026	Tumour necrosis factor antagonist	0,278	0,101
0,297	0,081	Antineoplastic (multiple myeloma)	0,262	0,086
0,218	0,004	L-Iditol 2-dehydrogenase inhibitor	0,225	0,050
0,229	0,016	Phospholipase A2 inhibitor	0,318	0,143
0,249	0,036	Antineoplastic (melanoma)	0,254	0,079
0,276	0,063	Hyaluronic acid agonist	0,178	0,005
0,220	0,007	MAP-kinase-activated kinase inhibitor	0,205	0,032
0,296	0,084	Peptide-N4-(N-acetyl-beta-glucosaminyl)	0,193	0,020
0,256	0,045	Antineoplastic enhancer	0,186	0,014
0,216	0,005	3-Dehydroquinone synthase inhibitor	0,205	0,033
0,284	0,074	Antiprotozoal (Coccidial)	0,260	0,088
0,241	0,031	Glycerol-1-phosphatase inhibitor	0,271	0,100
0,217	0,008	CYP19 substrate	0,223	0,052
0,254	0,045	Acyl-CoA oxidase inhibitor	0,304	0,134
0,316	0,107	Simian immunodeficiency virus proteinase	0,209	0,038
0,250	0,042	Nitrate reductase inhibitor	0,176	0,006
0,282	0,074	Skeletal muscle relaxant	0,189	0,019
0,250	0,042	Guanidinoacetase inhibitor	0,285	0,117
0,253	0,045	6-Carboxyhexanoate-CoA ligase inhibitor	0,180	0,013
0,253	0,045	Homoaconitate hydratase inhibitor	0,236	0,069
0,253	0,045	Biotin-CoA ligase inhibitor	0,200	0,034
0,253	0,045	Triacetate-lactonase inhibitor	0,177	0,011
0,270	0,063	5 Hydroxytryptamine 2B agonist	0,233	0,069
0,279	0,072	2-Hydroxyruconate-semialdehyde hydro	0,192	0,029
0,252	0,045	Rhamnulose-1-phosphate aldolase inhibit	0,262	0,099
0,260	0,054	Antiviral	0,261	0,099

0,225	0,020	Tumour necrosis factor alpha antagonist	0,268	0,106
0,219	0,013	2-Pyrocatechuate decarboxylase inhibitor	0,249	0,088
0,249	0,044	Styrene-oxide isomerase inhibitor	0,297	0,136
0,273	0,068	Endothelial growth factor antagonist	0,293	0,132
0,261	0,057	Lactose synthase inhibitor	0,284	0,123
0,283	0,079	N-benzyloxycarbonylglycine hydrolase inh	0,201	0,041
0,278	0,074	2-Haloacid dehalogenase inhibitor	0,167	0,007
0,296	0,092	Fucosterol-epoxide lyase inhibitor	0,178	0,018
0,218	0,015	Tubulin antagonist	0,250	0,090
0,210	0,007	Glutathione reductase inhibitor	0,215	0,056
0,243	0,040	Glucan 1,4-beta-glucosidase inhibitor	0,205	0,045
0,221	0,020	Antineoplastic (glioma)	0,232	0,072
0,219	0,017	Topoisomerase II inhibitor	0,303	0,144
0,229	0,028	DNA directed RNA polymerase inhibitor	0,213	0,054
0,236	0,036	Paraoxonase substrate	0,304	0,145
0,300	0,100	Mitochondrial processing peptidase inhib	0,202	0,044
0,251	0,052	Ubiquitin thiolesterase inhibitor	0,205	0,047
0,254	0,054	Pappalysin-1 inhibitor	0,189	0,032
0,220	0,020	Huntington's disease treatment	0,224	0,068
0,272	0,072	Antitoxic	0,188	0,032
0,259	0,059	Gamma-D-Glutamyl-meso-diaminopimelate	0,178	0,021
0,293	0,093	Phosphoinositide 5-phosphatase inhibitor	0,281	0,125
0,288	0,090	Adenylyl-sulfate reductase inhibitor	0,250	0,094
0,250	0,051	UGT2B17 substrate	0,162	0,007
0,236	0,037	Cholesterol synthesis inhibitor	0,179	0,024
0,267	0,068	Phospholipase C inhibitor	0,202	0,047
0,258	0,060	Dimethylmaleate hydratase inhibitor	0,173	0,018
0,223	0,026	CYP2B18 substrate	0,175	0,021
0,296	0,099	Myc inhibitor	0,209	0,055
0,282	0,085	DNA-(apurinic or apyrimidinic site) lyase i	0,180	0,026
0,258	0,062	Levanase inhibitor	0,202	0,049
0,345	0,149	Antinociceptive	0,222	0,069
0,237	0,041	Blasticidin-S deaminase inhibitor	0,166	0,013
0,210	0,015	Ca2+/calmodulin-dependent protein kina	0,194	0,041
0,238	0,044	Histone acetyltransferase inhibitor	0,186	0,034
0,231	0,037	Trans-pentaprenyltranstransferase inhibi	0,154	0,002
0,265	0,072	Muscle relaxant	0,224	0,073
0,207	0,014	Azobenzene reductase inhibitor	0,206	0,054
0,227	0,034	Endo-1,3(4)-beta-glucanase inhibitor	0,237	0,086
0,251	0,059	Sclerosant	0,246	0,095
0,213	0,021	Catalase stimulant	0,253	0,103
0,207	0,015	Coagulant	0,247	0,096
0,264	0,072	Poly(beta-D-mannuronate) lyase inhibitor	0,233	0,082
0,216	0,025	Cyclooxygenase inhibitor	0,165	0,017
0,278	0,087	Uterine relaxant	0,264	0,115
0,270	0,080	Opioid dependency treatment	0,244	0,095
0,242	0,052	Anticataract	0,157	0,009

0,200	0,010	Antineoplastic (uterine cancer)	0,171	0,023
0,206	0,017	Succinic dehydrogenase inhibitor	0,191	0,043
0,231	0,042	Lombricine kinase inhibitor	0,194	0,046
0,191	0,002	MAP-kinase-activated kinase 1 inhibitor	0,262	0,115
0,234	0,045	Creatinine deaminase inhibitor	0,208	0,060
0,231	0,043	Arylsulfatase inhibitor	0,222	0,075
0,233	0,045	Aureolysin inhibitor	0,157	0,011
0,191	0,005	Indoleamine-pyrrole 2,3-dioxygenase inhi	0,271	0,124
0,256	0,070	Gestagen antagonist	0,390	0,243
0,220	0,034	Phenylalanine decarboxylase inhibitor	0,182	0,037
0,233	0,047	Sedoheptulose-bisphosphatase inhibitor	0,229	0,084
0,258	0,072	Aspartate-ammonia ligase inhibitor	0,149	0,004
0,202	0,016	Antidiabetic (type 1)	0,210	0,065
0,231	0,045	Aryldialkylphosphatase inhibitor	0,252	0,107
0,197	0,012	Vitamin	0,174	0,030
0,241	0,056	O-aminophenol oxidase inhibitor	0,197	0,054
0,209	0,024	Phospholipase inhibitor	0,197	0,054
0,233	0,049	L-glucuronate reductase inhibitor	0,357	0,214
0,196	0,012	Protocatechuate 3,4-dioxygenase inhibitc	0,276	0,133
0,194	0,011	Cytokine release inhibitor	0,210	0,067
0,201	0,018	Oligo-1,6-glucosidase inhibitor	0,222	0,080
0,216	0,033	Antineoplastic (ovarian cancer)	0,228	0,086
0,228	0,045	Ferredoxin-nitrite reductase inhibitor	0,226	0,085
0,277	0,095	DNA polymerase I inhibitor	0,179	0,037
0,236	0,055	D-alanine 2-hydroxymethyltransferase inl	0,204	0,062
0,287	0,106	Acetylerase inhibitor	0,148	0,007
0,214	0,033	Antineoplastic (bladder cancer)	0,186	0,046
0,190	0,009	Aromatase inhibitor	0,223	0,083
0,282	0,102	CYP2D2 inhibitor	0,292	0,152
0,250	0,070	[acyl-carrier-protein] S-acetyltransferase	0,211	0,071
0,221	0,041	Methylaspartate ammonia-lyase inhibitor	0,217	0,077
0,225	0,046	Leucine dehydrogenase inhibitor	0,267	0,127
0,239	0,060	Glutarate-semialdehyde dehydrogenase i	0,181	0,041
0,187	0,009	NOS3 expression enhancer	0,185	0,046
0,183	0,005	Phosphorylase kinase inhibitor	0,278	0,139
0,221	0,044	Trans-2-enoyl-CoA reductase (NAD+) inhi	0,174	0,036
0,221	0,044	Pyruvate dehydrogenase (cytochrome) in	0,163	0,024
0,265	0,089	Antineoplastic (pancreatic cancer)	0,155	0,017
0,216	0,040	Aspartate-tRNA ligase inhibitor	0,207	0,070
0,272	0,096	Antiprotozoal (Amoeba)	0,167	0,030
0,256	0,081	Transketolase inhibitor	0,217	0,081
0,191	0,017	Potassium channel (Ca-activated) activatc	0,150	0,014
0,297	0,123	Centromere associated protein inhibitor	0,205	0,069
0,311	0,137	RNA-directed RNA polymerase inhibitor	0,196	0,062
0,196	0,023	Antineoplastic (squamous cell carcinoma)	0,263	0,128
0,221	0,049	CYP2D1 substrate	0,209	0,074
0,193	0,022	L-ascorbate peroxidase inhibitor	0,252	0,118

0,221	0,049	Tropinesterase inhibitor	0,153	0,020
0,221	0,049	Snapalysin inhibitor	0,199	0,066
0,217	0,046	UGT1A5 substrate	0,191	0,058
0,236	0,065	Cutinase inhibitor	0,180	0,047
0,221	0,050	Lipoprotein lipase stimulant	0,168	0,035
0,198	0,028	Homogentisate 1,2-dioxygenase inhibitor	0,213	0,082
0,186	0,016	Isocitrate dehydrogenase (NAD+) inhibitor	0,230	0,098
0,193	0,023	4,5-Dihydroxyphthalate decarboxylase inhibitor	0,251	0,120
0,275	0,105	All-trans-retinyl-palmitate hydrolase inhibitor	0,136	0,005
0,180	0,011	Phosphatidylglycerol-membrane-oligosaccharide	0,196	0,065
0,182	0,013	Dry eye syndrome treatment	0,313	0,182
0,226	0,057	Polygalacturonase inhibitor	0,203	0,073
0,298	0,130	Biotinidase inhibitor	0,225	0,096
0,196	0,027	Beta-cyclopiasonate dehydrogenase inhibitor	0,207	0,078
0,231	0,064	Alpha-N-acetylglucosaminidase inhibitor	0,252	0,123
0,227	0,059	15-Hydroxyprostaglandin-D dehydrogenase	0,189	0,060
0,275	0,108	Loop diuretic	0,153	0,024
0,210	0,043	Tryptophan dimethylallyltransferase inhibitor	0,229	0,100
0,269	0,102	Inotropic	0,167	0,039
0,175	0,008	4-Hydroxybenzoate decarboxylase inhibitor	0,152	0,024
0,181	0,014	4-Hydroxybenzoate-CoA ligase inhibitor	0,131	0,003
0,221	0,055	Anthranilate-CoA ligase inhibitor	0,129	0,002
0,197	0,031	Protein-glucosylgalactosylhydroxylysine glycosyltransferase	0,230	0,103
0,189	0,024	Radical formation agonist	0,166	0,039
0,187	0,021	Antineoplastic antibiotic	0,146	0,019
0,209	0,043	Peptidylamidoglycolate lyase inhibitor	0,224	0,097
0,214	0,049	3'-Nucleotidase inhibitor	0,183	0,056
0,224	0,059	Myeloblastin inhibitor	0,171	0,046
0,182	0,017	2-Nitrophenol 2-monooxygenase inhibitor	0,192	0,067
0,171	0,006	Heat shock protein 90 antagonist	0,170	0,046
0,214	0,051	Laccase inhibitor	0,134	0,010
0,168	0,004	Dynamine GTPase inhibitor	0,190	0,067
0,232	0,068	Pseudouridylate synthase inhibitor	0,190	0,067
0,182	0,019	3-Oxosteroid 1-dehydrogenase inhibitor	0,190	0,067
0,269	0,106	Dermatologic	0,248	0,125
0,222	0,059	D-threo-aldose 1-dehydrogenase inhibitor	0,193	0,071
0,193	0,030	Procollagen-lysine 5-dioxygenase inhibitor	0,237	0,115
0,182	0,019	Amyloid beta aggregation inhibitor	0,171	0,050
0,254	0,091	Prostaglandin-E2 9-reductase inhibitor	0,206	0,086
0,187	0,025	Corticosteroid antagonist	0,214	0,094
0,225	0,062	Alkylglycerophosphoethanolamine phosphatase	0,180	0,060
0,268	0,107	Antisecretoric	0,125	0,005
0,256	0,095	Glutamate-tRNA ligase inhibitor	0,124	0,004
0,269	0,107	4-Hydroxyproline epimerase inhibitor	0,162	0,042
0,216	0,055	N-acetyl-gamma-glutamyl-phosphate reductase	0,181	0,062
0,219	0,058	Polyneuridine-aldehyde esterase inhibitor	0,273	0,154
0,212	0,052	Erectile dysfunction treatment	0,187	0,068

0,209	0,049	Antineoplastic (lymphoma)	0,162	0,044
0,172	0,013	Macrophage migration inhibitory factor ir	0,189	0,071
0,206	0,047	L-amino-acid oxidase inhibitor	0,128	0,010
0,284	0,125	Botulin neurotoxin A light chain inhibitor	0,143	0,025
0,240	0,082	Coccolysin inhibitor	0,146	0,029
0,285	0,127	Cyclohexanone monooxygenase inhibitor	0,183	0,066
0,213	0,055	3-Hydroxybutyryl-CoA dehydrogenase inl	0,183	0,066
0,213	0,055	2,4-Diaminopentanoate dehydrogenase ii	0,194	0,077
0,213	0,055	Lysine 6-dehydrogenase inhibitor	0,189	0,073
0,177	0,020	Cyclooxygenase 2 inhibitor	0,189	0,073
0,184	0,026	Adrenergic, ophthalmic	0,189	0,073
0,325	0,168	Heat shock protein 27 antagonist	0,189	0,073
0,250	0,093	Aldehyde dehydrogenase (pyrroloquinolin	0,266	0,150
0,164	0,008	CYP2A5 inhibitor	0,174	0,059
0,242	0,085	Arylesterase inhibitor	0,127	0,012
0,246	0,090	Thiamine pyridinylase inhibitor	0,224	0,109
0,207	0,051	Lipoxygenase substrate	0,150	0,035
0,205	0,050	D-xylulose reductase inhibitor	0,145	0,031
0,193	0,038	L-iduronidase inhibitor	0,284	0,169
0,193	0,038	Pantoate 4-dehydrogenase inhibitor	0,205	0,091
0,188	0,033	Antineoplastic (carcinoma)	0,142	0,028
0,162	0,008	Squalene epoxidase inhibitor	0,124	0,010
0,215	0,061	ATPase inhibitor	0,125	0,012
0,161	0,007	Quinate 5-dehydrogenase inhibitor	0,133	0,020
0,218	0,064	Glycine dehydrogenase (decarboxylating)	0,212	0,099
0,204	0,051	tRNA nucleotidyltransferase inhibitor	0,167	0,054
0,201	0,048	Cerebroside-sulfatase inhibitor	0,190	0,078
0,172	0,019	Protein kinase C inhibitor	0,208	0,096
0,212	0,059	Thrombolytic	0,136	0,024
0,225	0,072	Hydroxylamine reductase inhibitor	0,167	0,055
0,228	0,076	Thiopurine S-methyltransferase inhibitor	0,155	0,045
0,279	0,126	Cyclic AMP phosphodiesterase inhibitor	0,154	0,043
0,201	0,049	Benzoate 4-monooxygenase inhibitor	0,134	0,024
0,165	0,013	CDC25A inhibitor	0,128	0,018
0,185	0,033	Cysteine-S-conjugate beta-lyase inhibitor	0,191	0,081
0,194	0,042	3-Oxadipate enol-lactonase inhibitor	0,115	0,005
0,207	0,056	Licheninase inhibitor	0,175	0,066
0,183	0,032	Riboflavin phosphotransferase inhibitor	0,240	0,131
0,254	0,103	Urethanase inhibitor	0,236	0,127
0,281	0,132	Endopeptidase So inhibitor	0,180	0,071
0,247	0,099	IgA-specific serine endopeptidase inhibiti	0,201	0,093
0,190	0,043	Tryptophan alpha,beta-oxidase inhibitor	0,140	0,032
0,223	0,076	Indolepyruvate C-methyltransferase inhi	0,117	0,010
0,185	0,039	Glucan 1,6-alpha-glucosidase inhibitor	0,195	0,087
0,256	0,110	Pyroglutamyl-peptidase II inhibitor	0,177	0,070
0,200	0,055	Alpha-glucuronidase inhibitor	0,173	0,066
0,219	0,074	Xylan endo-1,3-beta-xylosidase inhibitor	0,127	0,020

0,270	0,125	CYP2A8 substrate	0,165	0,058
0,247	0,102	Albendazole monooxygenase inhibitor	0,179	0,073
0,154	0,010	Interleukin 12 agonist	0,113	0,006
0,192	0,048	(R,R)-butanediol dehydrogenase inhibitor	0,113	0,006
0,188	0,045	Acylphosphatase inhibitor	0,113	0,006
0,203	0,060	4-Chlorophenylacetate 3,4-dioxygenase inhibitor	0,113	0,006
0,188	0,046	Phosphoenolpyruvate-protein phosphotransferase inhibitor	0,113	0,006
0,150	0,007	Protein kinase C zeta inhibitor	0,172	0,066
0,238	0,095	3C-like protease (Human coronavirus) inhibitor	0,177	0,071
0,203	0,060	Bisphosphoglycerate mutase inhibitor	0,165	0,059
0,215	0,072	Aromatic-hydroxylamine O-acetyltransferase inhibitor	0,119	0,014
0,172	0,030	(R)-limonene 6-monooxygenase inhibitor	0,115	0,010
0,279	0,137	HMGCS2 expression enhancer	0,115	0,010
0,229	0,088	Thiol oxidase inhibitor	0,167	0,061
0,196	0,055	NAD+ synthase (glutamine-hydrolysing) inhibitor	0,199	0,094
0,145	0,004	Stipitatonate decarboxylase inhibitor	0,167	0,061
0,268	0,127	Bilirubin oxidase inhibitor	0,166	0,061
0,239	0,099	Acidifying agent non gastric	0,153	0,049
0,234	0,094	Thiamine-triphosphatase inhibitor	0,129	0,025
0,204	0,064	Acetylorithine deacetylase inhibitor	0,185	0,081
0,196	0,056	Antirickettsial	0,171	0,067
0,176	0,037	Xylose isomerase inhibitor	0,176	0,073
0,165	0,025	Renilla-luciferin 2-monooxygenase inhibitor	0,200	0,097
0,194	0,055	Farnesyltranstransferase inhibitor	0,243	0,141
0,198	0,059	Acaricide	0,162	0,061
0,225	0,086	L-threonine 3-dehydrogenase inhibitor	0,213	0,112
0,172	0,034	Serum-glucocorticoid regulated kinase inhibitor	0,290	0,190
0,189	0,051	3-Carboxyethylcatechol 2,3-dioxygenase inhibitor	0,107	0,006
0,217	0,079	Antipruritic, non-allergic	0,158	0,058
0,207	0,069	Peptidyl-dipeptidase B inhibitor	0,114	0,014
0,216	0,079	N-acetyllactosamine synthase inhibitor	0,228	0,129
0,166	0,029	Acetoacetate decarboxylase inhibitor	0,250	0,152
0,175	0,038	Estradiol 17alpha-dehydrogenase inhibitor	0,222	0,124
0,186	0,049	Oxalate oxidase inhibitor	0,196	0,098
0,199	0,062	UGT2B10 substrate	0,154	0,056
0,186	0,049	3-Aminobutyryl-CoA ammonia-lyase inhibitor	0,192	0,095
0,159	0,023	HIV-1 integrase (Overall Integration) inhibitor	0,134	0,037
0,192	0,056	Undecaprenyl-diphosphatase inhibitor	0,148	0,050
0,153	0,018	Tyrosine 2,3-aminomutase inhibitor	0,172	0,075
0,273	0,138	Cancer associated disorders treatment	0,110	0,013
0,222	0,087	Acetylserotonin O-methyltransferase inhibitor	0,258	0,161
0,187	0,052	Pyridoxine 4-oxidase inhibitor	0,195	0,099
0,149	0,015	4-Hydroxybenzoate 3-monooxygenase inhibitor	0,144	0,048
0,210	0,076	Ornithine cyclodeaminase inhibitor	0,138	0,042
0,185	0,051	Glutamin-(asparagin-)ase inhibitor	0,140	0,044
0,159	0,025	Orotate reductase (NADPH) inhibitor	0,132	0,036
0,150	0,016	Bacterial efflux pump inhibitor	0,179	0,084

0,137	0,003	CD45 antagonist	0,137	0,042
0,195	0,062	6-Pyruvoyltetrahydropterin synthase inhi	0,104	0,010
0,245	0,112	D-lactaldehyde dehydrogenase inhibitor	0,104	0,010
0,202	0,069	Camphor 1,2-monooxygenase inhibitor	0,117	0,023
0,192	0,059	N-methyl-2-oxoglutaramate hydrolase inl	0,099	0,005
0,180	0,047	N-acetylneuraminate synthase inhibitor	0,227	0,133
0,173	0,041	Galacturan 1,4-alpha-galacturonidase inh	0,141	0,048
0,140	0,008	Glycogen synthase kinase-3 alpha inhibitc	0,186	0,093
0,215	0,084	Polyribonucleotide nucleotidyltransferasε	0,187	0,095
0,195	0,064	4-Hydroxyglutamate transaminase inhibit	0,168	0,075
0,217	0,087	Dopamine release stimulant	0,173	0,080
0,178	0,049	Glutamate (mGluR5) agonist	0,180	0,087
0,201	0,071	Indoleacetaldoxime dehydratase inhibitor	0,171	0,078
0,269	0,139	Vanilloid 1 agonist	0,150	0,058
0,211	0,081	Oryzin inhibitor	0,268	0,176
0,138	0,009	Protein kinase C eta inhibitor	0,118	0,026
0,149	0,020	Vanillyl-alcohol oxidase inhibitor	0,148	0,057
0,179	0,050	Acetylenecarboxylate hydratase inhibitor	0,217	0,126
0,219	0,091	Prolyl aminopeptidase inhibitor	0,218	0,127
0,137	0,009	Phosphatidylinositol kinase inhibitor	0,095	0,005
0,162	0,035	2-Amino adipate transaminase inhibitor	0,138	0,048
0,241	0,114	Thiosulfate dehydrogenase inhibitor	0,144	0,054
0,157	0,031	CYP3A5 inducer	0,118	0,028
0,277	0,151	Na+-transporting two-sector ATPase inhi	0,167	0,077
0,135	0,008	CDC25 phosphatase inhibitor	0,120	0,031
0,201	0,074	Phosphatidylglycerophosphatase inhibito	0,183	0,094
0,199	0,074	N-acetyllactosaminide beta-1,3-N-acetyl	0,144	0,055
0,160	0,034	CYP26A substrate	0,129	0,041
0,130	0,004	Phosphatidylinositol 3-kinase alpha inhibi	0,233	0,145
0,217	0,093	Oxytocic	0,146	0,058
0,204	0,080	Alpha-1,6-mannosyl-glycoprotein 4-beta-	0,166	0,079
0,178	0,055	Contraceptive female	0,096	0,008
0,163	0,040	Aspartyl aminopeptidase inhibitor	0,097	0,010
0,179	0,057	Benzoylformate decarboxylase inhibitor	0,202	0,116
0,131	0,009	Phosphatidylinositol 3-kinase inhibitor	0,095	0,008
0,142	0,020	Dopachrome isomerase inhibitor	0,140	0,054
0,126	0,004	Aldehyde dehydrogenase 1A2 inhibitor	0,143	0,057
0,169	0,047	3-Ketoalidoxylamine C-N-lyase inhibitor	0,143	0,057
0,202	0,080	Cellulose 1,4-beta-cellobiosidase inhibito	0,155	0,069
0,136	0,014	T cell inhibitor	0,221	0,135
0,160	0,038	Pyridoxine 5-dehydrogenase inhibitor	0,192	0,107
0,177	0,056	Quisqualate antagonist	0,151	0,066
0,190	0,069	Arachidonic acid antagonist	0,153	0,068
0,177	0,056	Magnesium-protoporphyrin IX methyltra	0,155	0,071
0,160	0,040	Endo-1,4-beta-xylanase inhibitor	0,141	0,056
0,175	0,055	Ligase inhibitor	0,175	0,091
0,188	0,068	Inorganic diphosphatase inhibitor	0,191	0,107

0,222	0,102	DNA-3-methyladenine glycosylase I inhibi	0,183	0,100
0,153	0,034	Fructose-2,6-bisphosphate 6-phosphatas	0,146	0,062
0,150	0,030	Glycerol dehydratase inhibitor	0,097	0,013
0,179	0,060	Antineoplastic (renal cancer)	0,093	0,010
0,159	0,040	HCV NS3-helicase inhibitor	0,184	0,101
0,142	0,023	Antibiotic Anthracycline-like	0,139	0,057
0,163	0,045	Contraceptive	0,145	0,064
0,121	0,003	Neuraminidase inhibitor	0,139	0,058
0,159	0,041	Prolactin inhibitor	0,251	0,170
0,182	0,064	1,4-Alpha-glucan branching enzyme inhib	0,251	0,170
0,149	0,032	Narcotic antagonist	0,164	0,083
0,186	0,069	CDP-4-dehydro-6-deoxyglucose reductas	0,144	0,063
0,139	0,021	Interleukin 10 antagonist	0,192	0,111
0,154	0,037	Urolithiasis treatment	0,165	0,085
0,165	0,048	Allantoinase inhibitor	0,146	0,066
0,212	0,095	Dactylysin inhibitor	0,138	0,058
0,125	0,008	Hot flush treatment	0,134	0,055
0,138	0,021	Gynecological disorders treatment	0,124	0,044
0,161	0,044	Pyruvate dehydrogenase (lipoamide) inhi	0,166	0,086
0,151	0,035	D-arabinonolactone oxidase inhibitor	0,119	0,040
0,144	0,028	Histone deacetylase SIRT2 inhibitor	0,161	0,082
0,168	0,051	N-carbamoyl-L-amino-acid hydrolase inhi	0,093	0,013
0,161	0,045	Acyl-lysine deacylase inhibitor	0,128	0,049
0,182	0,066	Gamma-butyrobetaine dioxygenase inhib	0,102	0,024
0,191	0,076	Cyclopentanone monooxygenase inhibito	0,095	0,016
0,147	0,032	Glycerophosphocholine cholinephosphod	0,169	0,090
0,210	0,095	Yeast ribonuclease inhibitor	0,122	0,043
0,162	0,048	CDP-diacylglycerol-inositol 3-phosphatidy	0,139	0,060
0,183	0,069	Glycine C-acetyltransferase inhibitor	0,177	0,098
0,213	0,098	Ethanolamine-phosphate cytidyltransfe	0,257	0,178
0,144	0,030	Homocysteine desulfhydrase inhibitor	0,228	0,150
0,118	0,004	PRL phosphatase inhibitor	0,194	0,117
0,159	0,045	Asparagine-tRNA ligase inhibitor	0,135	0,058
0,217	0,103	Taurine-2-oxoglutarate transaminase inhi	0,159	0,082
0,160	0,047	Alpha-pinene-oxide decyclase inhibitor	0,099	0,023
0,237	0,124	Cystic fibrosis treatment	0,196	0,120
0,159	0,046	Prepilin peptidase inhibitor	0,199	0,123
0,159	0,046	Haloacetate dehalogenase inhibitor	0,149	0,073
0,242	0,129	FMO3 substrate	0,151	0,075
0,120	0,007	Estrogen-related receptor alpha antagoni	0,200	0,124
0,164	0,051	Antiviral (HIV)	0,206	0,130
0,117	0,004	CYP11B1 inhibitor	0,208	0,132
0,150	0,038	Poly(3-hydroxybutyrate) depolymerase in	0,108	0,033
0,164	0,052	Allantoate deiminase inhibitor	0,196	0,121
0,244	0,132	Hypolipemic	0,100	0,025
0,179	0,067	Subtilisin inhibitor	0,144	0,069
0,116	0,005	3-Phosphoshikimate 1-carboxyvinyltransf	0,130	0,055

0,166	0,055	Mannan endo-1,6-alpha-mannosidase inh	0,159	0,084
0,126	0,014	Sphingosine kinase inhibitor	0,129	0,055
0,165	0,054	Insecticide	0,151	0,076
0,232	0,121	Methylumbelliferyl-acetate deacetylase in	0,165	0,092
0,216	0,106	Dipeptidase E inhibitor	0,182	0,109
0,178	0,068	Tryptophanamidase inhibitor	0,234	0,161
0,178	0,068	Sphinganine-1-phosphate aldolase inhibi	0,087	0,015
0,119	0,009	UGT2B7Y substrate	0,142	0,070
0,119	0,009	UGT2B7H substrate	0,096	0,024
0,184	0,074	Dynein ATPase inhibitor	0,320	0,249
0,165	0,056	Aryl sulfotransferase inhibitor	0,264	0,193
0,172	0,063	Inulinase inhibitor	0,153	0,081
0,200	0,092	Opine dehydrogenase inhibitor	0,195	0,124
0,196	0,088	Polarisation inhibitor	0,136	0,065
0,175	0,067	GST M1-1 substrate	0,137	0,066
0,203	0,095	Urease inhibitor	0,108	0,038
0,157	0,049	Acetolactate decarboxylase inhibitor	0,150	0,079
0,200	0,093	Carnitinamidase inhibitor	0,127	0,056
0,146	0,039	Phosphoglycerate mutase inhibitor	0,127	0,056
0,156	0,049	Glucan endo-1,3-alpha-glucosidase inhibi	0,134	0,064
0,114	0,007	Tannase inhibitor	0,151	0,081
0,140	0,034	UGT2B11 substrate	0,300	0,230
0,182	0,076	Male reproductive dysfunction treatment	0,159	0,090
0,115	0,009	Orcinol 2-monooxygenase inhibitor	0,132	0,062
0,188	0,082	Gallate decarboxylase inhibitor	0,112	0,043
0,174	0,069	N-acetylneuraminate 4-O-acetyltransfera	0,084	0,015
0,198	0,093	Mandelate 4-monooxygenase inhibitor	0,154	0,086
0,167	0,062	Gly-X carboxypeptidase inhibitor	0,094	0,026
0,156	0,051	N-(5-amino-5-carboxypentanoyl)-L-cystei	0,135	0,067
0,158	0,054	Ferredoxin-NADP+ reductase inhibitor	0,117	0,048
0,168	0,063	Bile-salt sulfotransferase inhibitor	0,129	0,061
0,150	0,046	Carboxymethylenebutenolidase inhibitor	0,146	0,079
0,149	0,045	Histone deacetylase class III inhibitor	0,119	0,052
0,117	0,013	Heat shock protein 70 antagonist	0,073	0,006
0,163	0,059	Inositol oxygenase inhibitor	0,177	0,110
0,155	0,052	Pyruvate dehydrogenase inhibitor	0,165	0,098
0,202	0,099	Imidazoline receptor agonist	0,167	0,100
0,157	0,054	Aminocarboxymuconate-semialdehyde d	0,124	0,057
0,136	0,033	Imidazoleacetate 4-monooxygenase inhi	0,088	0,021
0,137	0,033	Tyrosine-ester sulfotransferase inhibitor	0,183	0,117
0,137	0,034	Succinate dehydrogenase inhibitor	0,142	0,077
0,162	0,059	Galactokinase inhibitor	0,095	0,029
0,246	0,143	Antiviral (Adenovirus)	0,112	0,046
0,163	0,061	Adenylate cyclase stimulant	0,143	0,078
0,144	0,041	3-Hydroxyacyl-CoA dehydrogenase inhibi	0,129	0,063
0,137	0,035	Glutamate decarboxylase inhibitor	0,188	0,122
0,156	0,054	Glucuronolactone reductase inhibitor	0,134	0,069

0,122	0,021	Antidote, heavy metal	0,123	0,059
0,142	0,041	Guanidinodeoxy-scylo-inositol-4-phosph	0,165	0,100
0,171	0,071	Catalase inhibitor	0,116	0,051
0,137	0,037	Sorbose dehydrogenase inhibitor	0,113	0,049
0,146	0,046	Glucarate dehydratase inhibitor	0,112	0,048
0,112	0,013	Diiodotyrosine transaminase inhibitor	0,085	0,021
0,181	0,082	CYP4A2 substrate	0,157	0,093
0,168	0,069	Phenylacetate-CoA ligase inhibitor	0,177	0,113
0,198	0,100	Thiol protease inhibitor	0,108	0,045
0,157	0,059	Nuclease inhibitor	0,080	0,017
0,113	0,015	NMDA receptor glycine site B antagonist	0,090	0,028
0,180	0,083	(S)-3-amino-2-methylpropionate transam	0,079	0,017
0,171	0,074	Isopenicillin-N synthase inhibitor	0,104	0,042
0,154	0,057	Alpha-N-arabinofuranosidase inhibitor	0,104	0,042
0,114	0,018	3,4-Dihydroxyphenylacetate 2,3-dioxyger	0,155	0,093
0,115	0,019	3(or 17)alpha-hydroxysteroid dehydroger	0,095	0,033
0,112	0,016	Hydroxyquinol 1,2-dioxygenase inhibitor	0,215	0,154
0,153	0,057	Diisopropyl-fluorophosphatase inhibitor	0,175	0,114
0,150	0,054	Allophanate hydrolase inhibitor	0,173	0,112
0,132	0,036	Anabolic	0,083	0,022
0,166	0,071	Plasmanyethanolamine desaturase inhibi	0,170	0,108
0,107	0,012	SULT1A2 substrate	0,111	0,050
0,154	0,059	Cellulase inhibitor	0,129	0,068
0,165	0,071	IgA-specific metalloendopeptidase inhibi	0,161	0,100
0,126	0,033	Glycoprotein-fucosylgalactoside alpha-N-	0,148	0,087
0,099	0,005	CDC25B inhibitor	0,125	0,065
0,143	0,049	D-2-hydroxy-acid dehydrogenase inhibito	0,228	0,168
0,156	0,063	Hexokinase inhibitor	0,189	0,129
0,109	0,016	4-Hydroxybenzoate 1-hydroxylase inhibiti	0,097	0,037
0,145	0,052	Antibiotic	0,120	0,060
0,145	0,052	2-Oxoisovalerate dehydrogenase (acylatir	0,209	0,150
0,144	0,051	Prephenate dehydrogenase inhibitor	0,081	0,022
0,158	0,065	Protein synthesis stimulant	0,136	0,077
0,132	0,040	Agaritine gamma-glutamyltransferase inh	0,148	0,089
0,155	0,062	Galactose oxidase inhibitor	0,138	0,079
0,136	0,044	Fibrosis treatment	0,075	0,016
0,129	0,037	NMDA receptor polyamine site antagonis	0,176	0,117
0,112	0,020	Protein kinase C beta inhibitor	0,089	0,031
0,256	0,165	Leukopoiesis inhibitor	0,105	0,047
0,110	0,018	Aldose 1-epimerase inhibitor	0,102	0,044
0,100	0,009	UGT2B30 substrate	0,165	0,108
0,100	0,009	UGT2B23 substrate	0,091	0,034
0,100	0,009	UGT2B19 substrate	0,214	0,157
0,100	0,009	UGT2B4D substrate	0,106	0,050
0,100	0,009	UGT2B4E substrate	0,122	0,066
0,216	0,125	DNA synthesis inhibitor	0,207	0,150
0,168	0,077	Alkylglycerone-phosphate synthase inhibi	0,113	0,056

0,143	0,052	(S)-2-hydroxy-acid oxidase inhibitor	0,151	0,095
0,138	0,047	Choloylglycine hydrolase inhibitor	0,105	0,049
0,182	0,091	Ribonucleoside triphosphate reductase in	0,155	0,100
0,111	0,021	Phosphogluconate dehydrogenase (decar	0,075	0,020
0,127	0,037	Polynucleotide adenylyltransferase inhibi	0,192	0,136
0,144	0,054	D-lactate dehydrogenase inhibitor	0,152	0,097
0,154	0,064	Cyclamate sulfohydrolase inhibitor	0,148	0,093
0,125	0,035	Transthyretin amyloid fibril formation inh	0,081	0,026
0,182	0,092	Expectorant	0,068	0,013
0,178	0,089	Phenylalanine(histidine) transaminase inl	0,126	0,071
0,131	0,042	DNA-3-methyladenine glycosylase II inhib	0,126	0,071
0,168	0,079	Poly(alpha-L-guluronate) lyase inhibitor	0,213	0,159
0,244	0,155	Lipoprotein lipase inhibitor	0,101	0,047
0,153	0,064	FMN reductase inhibitor	0,147	0,094
0,117	0,029	Cyclin-dependent kinase 1 inhibitor	0,140	0,087
0,131	0,042	4-Alpha-glucanotransferase inhibitor	0,072	0,020
0,212	0,124	Flavin-containing monooxygenase substr	0,158	0,106
0,129	0,041	Malonate-semialdehyde dehydrogenase i	0,120	0,068
0,119	0,030	CYP4F substrate	0,125	0,073
0,138	0,050	L-lysine 6-transaminase inhibitor	0,081	0,030
0,263	0,175	G-protein-coupled receptor kinase inhibit	0,125	0,074
0,263	0,175	Beta-adrenergic receptor kinase inhibitor	0,130	0,078
0,177	0,088	GABA B receptor agonist	0,088	0,037
0,253	0,165	Transcription factor stimulant	0,230	0,179
0,253	0,165	Transcription factor NF kappa B stimulant	0,146	0,095
0,101	0,013	Beta tubulin antagonist	0,134	0,084
0,179	0,091	Rhizopuspepsin inhibitor	0,211	0,161
0,117	0,029	Galactosylceramide sulfotransferase inhi	0,099	0,049
0,179	0,091	Antineoplastic (glioblastoma multiforme)	0,116	0,066
0,162	0,074	Acetate kinase inhibitor	0,116	0,067
0,164	0,077	Lactate 2-monooxygenase inhibitor	0,055	0,005
0,153	0,066	Antitussive, narcotic	0,109	0,060
0,173	0,087	Metallocoxy-peptidase D inhibitor	0,144	0,095
0,098	0,012	Alpha 3 adrenoreceptor agonist	0,080	0,031
0,106	0,021	Opioid mu 2 receptor antagonist	0,116	0,067
0,184	0,099	Alanine-tRNA ligase inhibitor	0,144	0,095
0,196	0,110	Glycine amidinotransferase inhibitor	0,085	0,036
0,207	0,122	DELTA14-sterol reductase inhibitor	0,060	0,011
0,139	0,054	Deoxyribose-phosphate aldolase inhibitor	0,055	0,007
0,224	0,139	Pro-opiomelanocortin converting enzyme	0,107	0,059
0,228	0,144	Chitinase inhibitor	0,336	0,288
0,107	0,023	4-Pyridoxolactonase inhibitor	0,107	0,059
0,133	0,049	UDP-glucose-hexose-1-phosphate uridyly	0,119	0,071
0,173	0,090	N-(long-chain-acyl)ethanolamine deacyla	0,151	0,103
0,168	0,085	Atrolysin A inhibitor	0,122	0,074
0,152	0,070	3-Chloro-D-alanine dehydrochlorinase inl	0,178	0,131
0,165	0,083	Transforming growth factor beta 1 agonis	0,055	0,008

0,119	0,037	Isomaltulose synthase inhibitor	0,088	0,041
0,140	0,059	Adenylyl-sulfate kinase inhibitor	0,102	0,055
0,180	0,098	Chaperonin ATPase inhibitor	0,149	0,103
0,095	0,013	Multidrug resistance-associated protein ii	0,056	0,009
0,237	0,156	Antineoplastic (solid tumors)	0,124	0,078
0,142	0,061	2-Dehydropantoate aldolase inhibitor	0,089	0,043
0,138	0,057	Sulfate adenylyltransferase (ADP) inhibiti	0,160	0,114
0,139	0,059	Glucosamine-6-phosphate deaminase inh	0,072	0,026
0,165	0,085	ADP-ribosylarginine hydrolase inhibitor	0,074	0,029
0,157	0,078	Tyrosine kinase stimulant	0,123	0,078
0,160	0,081	Serratia marcescens nuclease inhibitor	0,095	0,050
0,114	0,035	Tagaturonate reductase inhibitor	0,139	0,094
0,114	0,035	Fructuronate reductase inhibitor	0,150	0,105
0,143	0,065	Dolichyl-phosphatase inhibitor	0,194	0,149
0,135	0,057	Mannose-6-phosphate isomerase inhibiti	0,123	0,078
0,091	0,013	Multidrug resistance-associated protein 10	0,123	0,078
0,142	0,065	Antineoplastic (gastric cancer)	0,092	0,048
0,137	0,060	Glutamate-1-semialdehyde 2,1-aminomu	0,099	0,055
0,126	0,049	Pyrimidine-deoxynucleoside 2'-dioxygena	0,112	0,068
0,115	0,038	Octadecanal decarbonylase inhibitor	0,127	0,083
0,143	0,067	Iron-cytochrome-c reductase inhibitor	0,075	0,031
0,246	0,170	Superoxide dismutase inhibitor	0,112	0,068
0,175	0,099	Mucolytic	0,190	0,146
0,176	0,099	Bone formation stimulant	0,102	0,058
0,150	0,074	2-Haloacid dehalogenase (configuration-i	0,242	0,198
0,138	0,062	Selenocysteine lyase inhibitor	0,085	0,041
0,120	0,045	MAP-kinase-activated kinase 2 inhibitor	0,139	0,095
0,131	0,055	D-lactate dehydrogenase (cytochrome) in	0,126	0,083
0,219	0,143	Aldosterone antagonist	0,115	0,072
0,125	0,049	Antispirochetal	0,072	0,029
0,348	0,273	Nootropic	0,160	0,117
0,140	0,065	Thiamine-phosphate kinase inhibitor	0,160	0,117
0,138	0,064	BRAF expression inhibitor	0,101	0,059
0,210	0,136	Chloride channel blocker	0,125	0,082
0,115	0,041	Aromatic-amino-acid transaminase inhibi	0,051	0,008
0,114	0,040	2-Hydroxy-3-oxopropionate reductase inl	0,106	0,064
0,096	0,022	CDC25C inhibitor	0,132	0,090
0,125	0,050	Antitreponemal	0,157	0,115
0,098	0,024	SULT2A1 substrate	0,131	0,090
0,121	0,047	Cyclooxygenase 1 inhibitor	0,095	0,053
0,162	0,088	Sphingosine 1-phosphate receptor 1 anta	0,059	0,017
0,134	0,061	Glycogen (starch) synthase inhibitor	0,083	0,043
0,134	0,062	Agmatinase inhibitor	0,069	0,028
0,128	0,057	Steroid 9alpha-monooxygenase inhibitor	0,109	0,068
0,090	0,018	Protein kinase A inhibitor	0,215	0,174
0,120	0,049	Alpha,alpha-trehalase inhibitor	0,141	0,101
0,151	0,081	Leucolysin inhibitor	0,067	0,027

0,154	0,083	Leishmanolysin inhibitor	0,063	0,023
0,111	0,041	Deoxyribonuclease (pyrimidine dimer) inhi	0,100	0,060
0,179	0,108	Antineoplastic (non-small cell lung cancer	0,109	0,069
0,120	0,049	Trehalose-phosphatase inhibitor	0,095	0,056
0,108	0,038	Chelator	0,070	0,030
0,180	0,110	Retinal dehydrogenase inhibitor	0,093	0,053
0,162	0,092	Glucuronate isomerase inhibitor	0,103	0,064
0,108	0,038	Monocarboxylic acid transporter 1 inhibit	0,100	0,061
0,108	0,038	Monocarboxylic acid transporter inhibitor	0,103	0,064
0,169	0,099	Urate-ribonucleotide phosphorylase inhi	0,095	0,056
0,086	0,016	Dihydroxyacetanilide epoxidase inhibitor	0,102	0,063
0,086	0,016	Dihydroxyacetanilide dehydrogenase inhi	0,167	0,129
0,128	0,058	D-cysteine desulfhydrase inhibitor	0,044	0,006
0,149	0,079	Geranylgeranyl-diphosphate geranylgerar	0,059	0,021
0,136	0,067	Beta-alanine-pyruvate transaminase inhi	0,168	0,130
0,136	0,067	Galactose 1-dehydrogenase (NADP+) inhi	0,079	0,042
0,075	0,005	Phosphatidylinositol 3-kinase gamma inhi	0,105	0,068
0,149	0,080	Pyruvate carboxylase inhibitor	0,113	0,076
0,100	0,031	3(or 17)beta-hydroxysteroid dehydrogen	0,139	0,102
0,083	0,014	4-Hydroxyphenylacetate 1-monooxygena	0,119	0,083
0,123	0,054	Porphobilinogen synthase inhibitor	0,110	0,074
0,130	0,061	Carnitine dehydratase inhibitor	0,099	0,064
0,110	0,042	Insulin sensitizer	0,107	0,071
0,115	0,046	Aconitate decarboxylase inhibitor	0,120	0,085
0,188	0,119	Aspergillopepsin II inhibitor	0,182	0,147
0,164	0,096	Procollagen N-endopeptidase inhibitor	0,046	0,011
0,279	0,211	Glycerol-ether monooxygenase inhibitor	0,073	0,039
0,151	0,084	Allyl-alcohol dehydrogenase inhibitor	0,129	0,095
0,102	0,034	CYP26 substrate	0,079	0,045
0,085	0,018	Potassium channel large-conductance Ca-	0,123	0,089
0,072	0,005	FtsZ polymerization inhibitor	0,126	0,093
0,156	0,089	Niemann-Pick C1-like 1 protein antagonis	0,122	0,088
0,116	0,049	UDP-glucose 4-epimerase inhibitor	0,111	0,077
0,146	0,079	N-Acyl-D-amino-acid deacylase inhibitor	0,109	0,076
0,125	0,058	Phosphonoacetate hydrolase inhibitor	0,064	0,031
0,106	0,040	Hair growth stimulant	0,070	0,038
0,140	0,074	Quinoline-4-carboxylate 2-oxidoreductas	0,195	0,163
0,099	0,033	Epoxide hydrolase substrate	0,128	0,096
0,110	0,044	1,5-Anhydro-D-fructose reductase inhibit	0,128	0,096
0,076	0,010	Tyrosine phenol-lyase inhibitor	0,082	0,050
0,120	0,054	Phenylalanine 4-hydroxylase inhibitor	0,133	0,101
0,132	0,067	5 Hydroxytryptamine 2A agonist	0,091	0,060
0,083	0,018	Prolyl endopeptidase inhibitor	0,087	0,056
0,121	0,056	Glucosamine-1-phosphate N-acetyltransf	0,126	0,095
0,123	0,058	Aldehyde dehydrogenase [NAD(P)+] inhib	0,140	0,108
0,083	0,018	Glutamate (mGluR1) agonist	0,237	0,206
0,219	0,155	Aspergillopepsin I inhibitor	0,171	0,140

0,093	0,028	Pim-2 kinase inhibitor	0,081	0,050
0,112	0,049	Arylamine N-Acetyltransferase substrate	0,095	0,064
0,111	0,048	Deoxycytidine deaminase inhibitor	0,096	0,065
0,074	0,010	4-Hydroxybenzoate 3-monooxygenase [N	0,135	0,104
0,139	0,076	GST T1-1 substrate	0,116	0,086
0,139	0,076	GST T substrate	0,035	0,005
0,068	0,004	Opioid delta 2 receptor antagonist	0,137	0,107
0,085	0,022	Mandelate racemase inhibitor	0,055	0,024
0,098	0,036	Mycodextranase inhibitor	0,064	0,034
0,116	0,054	Leucine transaminase inhibitor	0,099	0,070
0,105	0,042	3-Deoxy-8-phosphooctulonate synthase i	0,048	0,018
0,149	0,087	Nucleoside-diphosphatase inhibitor	0,095	0,065
0,070	0,009	Anhydrotetracycline monooxygenase inhi	0,089	0,060
0,078	0,017	Secretase beta 1 inhibitor	0,107	0,078
0,117	0,056	Aspartate racemase inhibitor	0,050	0,021
0,116	0,055	Chondroitin 6-sulfotransferase inhibitor	0,081	0,052
0,134	0,073	Protein-tyrosine sulfotransferase inhibito	0,107	0,079
0,114	0,053	Shikimate kinase inhibitor	0,133	0,104
0,087	0,026	Alpha,alpha-phosphotrehalase inhibitor	0,098	0,070
0,199	0,138	Vascular dementia treatment	0,145	0,117
0,151	0,091	Sterol 3-beta-glucosyltransferase inhibito	0,179	0,151
0,090	0,030	Steroid sulfotransferase inhibitor	0,130	0,102
0,112	0,052	Gluconate dehydratase inhibitor	0,066	0,038
0,163	0,103	Anthrax lethal factor inhibitor	0,063	0,036
0,068	0,008	Chelator, Iron	0,085	0,058
0,087	0,027	3-Oxoacyl-[acyl-carrier-protein] synthase	0,058	0,031
0,106	0,047	Dichloromuconate cycloisomerase inhibit	0,096	0,069
0,113	0,053	Aerobactin synthase inhibitor	0,087	0,060
0,129	0,070	Interferon gamma antagonist	0,045	0,018
0,251	0,191	Cyclic AMP agonist	0,083	0,056
0,099	0,040	6,7-Dihydropteridine reductase inhibitor	0,160	0,133
0,095	0,036	Inositol-3-phosphate synthase inhibitor	0,038	0,011
0,146	0,087	Polar-amino-acid-transporting ATPase inh	0,101	0,075
0,189	0,130	Phosphatidylcholine-sterol O-acyltransfer	0,083	0,056
0,131	0,073	Interferon antagonist	0,071	0,044
0,172	0,114	Antihypotensive	0,100	0,074
0,089	0,031	DNA repair enzyme inhibitor	0,107	0,081
0,138	0,081	VCAM1 expression inhibitor	0,082	0,057
0,164	0,107	Serine-pyruvate transaminase inhibitor	0,105	0,079
0,062	0,005	Opioid delta 1 receptor antagonist	0,072	0,047
0,114	0,057	Acetoin dehydrogenase inhibitor	0,127	0,102
0,102	0,045	2-Dehydro-3-deoxy-L-arabinonate dehyd	0,074	0,049
0,197	0,140	CYP2C9 inhibitor	0,078	0,053
0,119	0,062	NADH dehydrogenase inhibitor	0,110	0,085
0,110	0,053	Triose-phosphate isomerase inhibitor	0,101	0,076
0,075	0,018	Protein kinase C delta inhibitor	0,220	0,195
0,078	0,022	Leukotriene C antagonist	0,102	0,078

0,146	0,090	Aspartoacylase inhibitor	0,050	0,026
0,120	0,064	Fructose-2,6-bisphosphate 2-phosphatase	0,103	0,079
0,072	0,017	Catechol O methyltransferase inhibitor	0,121	0,097
0,098	0,043	c-Src kinase inhibitor	0,035	0,011
0,061	0,006	Orsellinate decarboxylase inhibitor	0,116	0,092
0,109	0,054	Ribitol 2-dehydrogenase inhibitor	0,116	0,092
0,076	0,021	Opioid mu 1 receptor antagonist	0,122	0,098
0,109	0,054	Glucan 1,3-beta-glucosidase inhibitor	0,173	0,149
0,135	0,081	Aldehyde ferredoxin oxidoreductase inhibitor	0,064	0,040
0,079	0,024	Adenosine deaminase inhibitor	0,103	0,079
0,094	0,040	Ornithine decarboxylase inhibitor	0,198	0,175
0,120	0,066	Poly(ADP-ribose) glycohydrolase inhibitor	0,084	0,061
0,070	0,015	4-Hydroxyphenylpyruvate dioxygenase inhibitor	0,111	0,089
0,106	0,052	Iron antagonist	0,110	0,088
0,119	0,065	Carboxylesterase inhibitor	0,101	0,079
0,127	0,074	Galactoside O-acetyltransferase inhibitor	0,076	0,054
0,112	0,058	Pantothenase inhibitor	0,076	0,054
0,116	0,064	Glycopeptide alpha-N-acetylgalactosaminidase inhibitor	0,129	0,107
0,235	0,182	Lysyl oxidase inhibitor	0,233	0,211
0,130	0,078	Liver X receptor antagonist	0,094	0,073
0,141	0,089	Tryptophan transaminase inhibitor	0,088	0,067
0,116	0,064	Pectin lyase inhibitor	0,099	0,078
0,083	0,031	Pyridoxamine-phosphate oxidase inhibitor	0,071	0,050
0,083	0,031	Oxytocin agonist	0,153	0,132
0,152	0,100	Hydroxymethylglutaryl-CoA lyase inhibitor	0,098	0,078
0,107	0,055	Ca ²⁺ -transporting ATPase inhibitor	0,087	0,066
0,103	0,052	Ketohexokinase inhibitor	0,082	0,061
0,056	0,005	Protein kinase C beta I inhibitor	0,068	0,048
0,266	0,215	Intermittent claudication treatment	0,073	0,053
0,166	0,115	Cyclopropane-fatty-acyl-phospholipid synthase inhibitor	0,128	0,108
0,126	0,074	Aryl-alcohol dehydrogenase inhibitor	0,105	0,085
0,106	0,056	Adenylylsulphatase inhibitor	0,145	0,125
0,119	0,068	ATP adenylyltransferase inhibitor	0,101	0,081
0,089	0,038	High-mannose-oligosaccharide beta-1,4-N-acetylglucosaminidase inhibitor	0,065	0,045
0,133	0,082	Phosphoinositide phospholipase C inhibitor	0,103	0,085
0,146	0,095	Polynucleotide 5'-hydroxy-kinase inhibitor	0,043	0,024
0,101	0,051	Heme oxygenase inhibitor	0,094	0,076
0,116	0,067	Cysteine desulfurase inhibitor	0,102	0,084
0,162	0,112	Galactolipase inhibitor	0,144	0,126
0,099	0,049	UDP-N-acetylglucosamine diphosphorylase inhibitor	0,102	0,084
0,113	0,064	L-galactonolactone oxidase inhibitor	0,059	0,041
0,091	0,042	Isoamylase inhibitor	0,103	0,086
0,083	0,035	N-acetylglucosaminyl diphosphoundecapryl transferase inhibitor	0,099	0,082
0,094	0,045	Phosphomevalonate kinase inhibitor	0,091	0,074
0,123	0,075	Valine decarboxylase inhibitor	0,099	0,082
0,054	0,006	Purinergic P2X4 antagonist	0,197	0,180
0,119	0,071	UDP-N-acetylglucosamine-dolichyl-phosphate transferase inhibitor	0,037	0,020

0,064	0,016	CYP3A11 substrate	0,037	0,020
0,114	0,066	Cytidine deaminase inhibitor	0,138	0,121
0,120	0,072	2,2-Dialkylglycine decarboxylase (pyruvat	0,117	0,100
0,120	0,072	NAD(P)+ transhydrogenase (B-specific) inl	0,073	0,056
0,133	0,086	Aldehyde dehydrogenase (NADP+) inhibit	0,092	0,076
0,098	0,051	Gluconokinase inhibitor	0,070	0,055
0,155	0,107	Rhodotorulapepsin inhibitor	0,068	0,052
0,194	0,146	Gingipain K inhibitor	0,144	0,129
0,123	0,075	Acid-sensing ion channel blocker	0,070	0,055
0,095	0,047	N-acetylneuraminat lyase inhibitor	0,152	0,136
0,094	0,047	Cellobiose phosphorylase inhibitor	0,133	0,118
0,077	0,030	Steroid DELTA-isomerase inhibitor	0,072	0,056
0,084	0,038	Protein kinase B stimulant	0,132	0,118
0,088	0,042	Oxaloacetate decarboxylase inhibitor	0,123	0,109
0,072	0,026	Osmotic diuretic	0,078	0,064
0,090	0,044	Arginine decarboxylase inhibitor	0,053	0,039
0,114	0,068	Trimethyllysine dioxygenase inhibitor	0,081	0,067
0,095	0,049	Choline sulfotransferase inhibitor	0,071	0,057
0,145	0,099	Glyoxylate reductase (NADP+) inhibitor	0,191	0,177
0,113	0,067	Lactaldehyde reductase (NADPH) inhibito	0,119	0,106
0,101	0,055	Mannonate dehydratase inhibitor	0,065	0,051
0,089	0,044	2-Methylcitrate dehydratase inhibitor	0,051	0,037
0,076	0,031	Adenosine A3 receptor antagonist	0,087	0,074
0,089	0,044	L-fuconate dehydratase inhibitor	0,077	0,064
0,115	0,070	Mevalonate kinase inhibitor	0,063	0,050
0,121	0,076	Secretase alpha stimulant	0,038	0,025
0,121	0,076	Secretase stimulant	0,032	0,020
0,117	0,072	Isovaleryl-CoA dehydrogenase inhibitor	0,119	0,106
0,081	0,036	Aralkylamine dehydrogenase inhibitor	0,035	0,023
0,092	0,048	Muconate cycloisomerase inhibitor	0,050	0,039
0,150	0,105	Microtubule formation inhibitor	0,106	0,094
0,176	0,131	Nardilysin inhibitor	0,077	0,066
0,122	0,078	3-Isopropylmalate dehydratase inhibitor	0,068	0,057
0,102	0,057	Beta amyloid protein antagonist	0,097	0,086
0,093	0,049	Saccharopine dehydrogenase (NAD+, L-gl	0,048	0,037
0,099	0,055	Valine dehydrogenase (NADP+) inhibitor	0,135	0,124
0,115	0,071	Glycoprotein 3-alpha-L-fucosyltransferasε	0,091	0,081
0,094	0,050	Haloalkane dehalogenase inhibitor	0,119	0,108
0,067	0,023	Secretase beta inhibitor	0,089	0,079
0,258	0,215	Prion diseases treatment	0,031	0,021
0,149	0,106	Glutathione peroxidase inhibitor	0,094	0,084
0,103	0,060	Formaldehyde dehydrogenase inhibitor	0,083	0,073
0,063	0,020	Aryl hydrocarbon receptor antagonist	0,118	0,109
0,103	0,061	Nicotinamidase inhibitor	0,118	0,109
0,160	0,118	Carboxypeptidase D inhibitor	0,041	0,032
0,083	0,041	3-Dehydroquinat dehydratase inhibitor	0,072	0,063
0,045	0,004	NAD(P)H dehydrogenase (quinone) 1 inhi	0,051	0,042

0,106	0,064	Alpha-N-acetylgalactosaminidase inhibitor	0,074	0,065
0,107	0,066	Beta-mannosidase inhibitor	0,066	0,057
0,083	0,042	Leukotriene antagonist	0,084	0,076
0,064	0,023	Dual specificity protein phosphatase VHR	0,046	0,038
0,073	0,033	Phenylalanine 2-monooxygenase inhibitor	0,042	0,033
0,160	0,120	Pediculicide	0,133	0,124
0,113	0,073	Formate dehydrogenase inhibitor	0,026	0,018
0,109	0,069	(S)-carnitine 3-dehydrogenase inhibitor	0,043	0,035
0,084	0,044	Succinate-semialdehyde dehydrogenase i	0,063	0,055
0,106	0,066	Photinus-luciferin 4-monooxygenase (ATF	0,105	0,097
0,149	0,110	Glutamate 5-kinase inhibitor	0,135	0,128
0,125	0,086	Ganglioside galactosyltransferase inhibitor	0,069	0,062
0,102	0,064	Aspartate-ammonia ligase (ADP-forming)	0,137	0,130
0,110	0,072	Aspartate kinase inhibitor	0,059	0,053
0,083	0,045	Beta 1 adrenoreceptor agonist	0,086	0,080
0,048	0,010	Vitamin K-like	0,156	0,150
0,138	0,100	Hydroxymethylbilane synthase inhibitor	0,075	0,069
0,138	0,100	Cystinyl aminopeptidase inhibitor	0,201	0,195
0,187	0,150	Trimethylamine dehydrogenase inhibitor	0,072	0,067
0,071	0,034	Arabinogalactan endo-1,4-beta-galactosic	0,047	0,042
0,120	0,082	CYP4B1 substrate	0,089	0,083
0,142	0,105	Arylamine N-acetyltransferase inhibitor	0,089	0,083
0,095	0,058	Lysine decarboxylase inhibitor	0,115	0,110
0,070	0,033	CYP24 inhibitor	0,143	0,138
0,089	0,052	Beta-amylase inhibitor	0,175	0,170
0,070	0,034	Protein kinase C mu inhibitor	0,048	0,043
0,072	0,036	Prephenate dehydratase inhibitor	0,125	0,120
0,140	0,104	Signal peptidase I inhibitor	0,022	0,018
0,195	0,159	Choline-phosphate cytidyltransferase in	0,044	0,039
0,111	0,075	Bronchodilator	0,075	0,071
0,079	0,043	(S)-2-Methylmalate dehydratase inhibitor	0,058	0,054
0,086	0,050	(R)-aminopropanol dehydrogenase inhibi	0,105	0,101
0,101	0,066	Chloramphenicol O-acetyltransferase inhi	0,100	0,097
0,123	0,088	CYP4B substrate	0,111	0,108
0,050	0,015	Protocatechuate 4,5-dioxygenase inhibitor	0,076	0,073
0,102	0,067	Putrescine oxidase inhibitor	0,072	0,069
0,129	0,094	Penicillopepsin inhibitor	0,084	0,081
0,129	0,094	Hepatocyte nuclear factor 4 alpha antago	0,055	0,052
0,129	0,094	Hepatocyte nuclear factor antagonist	0,120	0,118
0,128	0,094	MDM2 inhibitor	0,100	0,098
0,145	0,110	Dolichol kinase inhibitor	0,173	0,171
0,116	0,082	Glycosylphosphatidylinositol diacylglycer	0,082	0,080
0,122	0,088	Carboxypeptidase E inhibitor	0,089	0,088
0,064	0,031	Catechol 2,3-dioxygenase inhibitor	0,104	0,103
0,096	0,062	Thiamine-phosphate diphosphorylase inh	0,089	0,089
0,120	0,087	Antiprotozoal (Babesia)	0,091	0,090
0,123	0,091	Dolichyl-phosphate beta-D-mannosyltran	0,077	0,077

0,136	0,103	Alpha-amylase inhibitor	0,029	0,029
0,131	0,098	Glutamate synthase (ferredoxin) inhibitor	0,055	0,055
0,054	0,022	Aldehyde dehydrogenase 3 substrate		
0,117	0,084	Biotin carboxylase inhibitor		
0,136	0,104	Acetylspermidine deacetylase inhibitor		
0,098	0,066	Glutamate (mGluR6) antagonist		
0,196	0,164	Peptidyl-dipeptidase Dcp inhibitor		
0,138	0,106	Carnosine synthase inhibitor		
0,064	0,032	Lipase inhibitor		
0,122	0,091	Glycine receptor agonist		
0,072	0,041	Tubulin-tyrosine ligase inhibitor		
0,095	0,064	Deoxyribonuclease X inhibitor		
0,118	0,088	Acylglycerone-phosphate reductase inhibitor		
0,072	0,042	Lactaldehyde dehydrogenase inhibitor		
0,074	0,044	Lactate-malate transhydrogenase inhibitor		
0,077	0,047	2-Dehydro-3-deoxy-phosphogluconate aldolase inhibitor		
0,163	0,133	Flavin-containing monooxygenase inhibitor		
0,203	0,174	Antiviral (CMV)		
0,228	0,198	CDP-diacylglycerol-serine O-phosphatidyltransferase inhibitor		
0,101	0,072	Glutamine-tRNA ligase inhibitor		
0,097	0,068	Glyceraldehyde-3-phosphate dehydrogenase (NADP+) inhibitor		
0,097	0,068	Choline dehydrogenase inhibitor		
0,099	0,070	Antifungal enhancer		
0,072	0,042	Glyceraldehyde-3-phosphate dehydrogenase inhibitor		
0,056	0,027	Protein kinase C nu inhibitor		
0,124	0,095	Tryptophanyl aminopeptidase inhibitor		
0,085	0,056	2-Methyleneglutarate mutase inhibitor		
0,083	0,054	2-Methylcitrate synthase inhibitor		
0,092	0,063	Nicotinamide-nucleotide adenyltransferase inhibitor		
0,072	0,044	Sucrose synthase inhibitor		
0,050	0,021	Phosphatidylinositol 3-kinase beta inhibitor		
0,081	0,053	Gentamicin 2"-nucleotidyltransferase inhibitor		
0,116	0,088	Arylalkyl acylamidase inhibitor		
0,041	0,013	Ryanodine receptor antagonist		
0,041	0,013	Ryanodine receptor 1 antagonist		
0,048	0,020	Cyclohexadienyl dehydrogenase inhibitor		
0,074	0,046	Transcription factor AP-1 inhibitor		
0,196	0,169	Antidiabetic		
0,102	0,074	Serine 3-dehydrogenase inhibitor		
0,076	0,048	ATP deaminase inhibitor		
0,083	0,056	Cysteine transaminase inhibitor		
0,063	0,035	Malate dehydrogenase (decarboxylating) inhibitor		
0,085	0,058	4-Carboxymethyl-4-methylbutenolide mutase inhibitor		
0,101	0,074	Trypanothione-disulfide reductase inhibitor		
0,091	0,064	Trimethylamine-N-oxide reductase inhibitor		
0,056	0,029	Antifungal (Pneumocystis)		
0,121	0,095	Endothelin-converting enzyme inhibitor		

0,067	0,041	3-Hydroxyanthranilate 3,4-dioxygenase inhibitor
0,090	0,063	Dihydropyrimidinase inhibitor
0,082	0,056	Succinate-hydroxymethylglutarate CoA-transferase inhibitor
0,036	0,010	Phenylpyruvate tautomerase inhibitor
0,110	0,084	Acid phosphatase inhibitor
0,109	0,083	Lysine 2-monooxygenase inhibitor
0,069	0,044	Inositol 1,4,5-triphosphate receptor antagonist
0,065	0,040	UDP-N-acetylmuramoylalanine-D-glutamate ligase inhibitor
0,128	0,103	N-Carbamoyl-D-amino acid hydrolase inhibitor
0,101	0,075	Glucose 1-dehydrogenase inhibitor
0,057	0,032	Phosphatidylinositol 3-kinase delta inhibitor
0,112	0,087	8-Amino-7-oxononanoate synthase inhibitor
0,055	0,030	Glycolaldehyde dehydrogenase inhibitor
0,119	0,095	Cysteine synthase inhibitor
0,049	0,024	CDK4/cyclin D1 inhibitor
0,083	0,059	Scyllo-inosamine-4-phosphate amidinotransferase inhibitor
0,098	0,074	Site-specific DNA-methyltransferase (adenine-specific) inhibitor
0,109	0,085	O-acetylhomoserine aminocarboxypropyltransferase inhibitor
0,053	0,029	Dihydroorotate oxidase inhibitor
0,094	0,071	Omega-amidase inhibitor
0,123	0,099	Guanidinoacetate N-methyltransferase inhibitor
0,067	0,043	Alpha,alpha-trehalose phosphorylase inhibitor
0,174	0,151	Wound healing agent
0,129	0,106	Allantoin racemase inhibitor
0,090	0,067	Acyloxyacyl hydrolase inhibitor
0,096	0,074	Galactoside 2-alpha-L-fucosyltransferase inhibitor
0,133	0,110	Homoserine dehydrogenase inhibitor
0,041	0,019	Opioid kappa 1 receptor antagonist
0,080	0,057	Diamine oxidase inhibitor
0,138	0,116	Choline kinase inhibitor
0,158	0,136	Spasmolytic, Papaverin-like
0,073	0,051	Endometriosis treatment
0,097	0,076	Aryl-aldehyde dehydrogenase (NADP+) inhibitor
0,070	0,048	L-3-cyanoalanine synthase inhibitor
0,145	0,124	5-Hydroxytryptamine 7 agonist
0,126	0,105	Choline-sulfatase inhibitor
0,126	0,105	4-Hydroxybenzoate nonaprenyltransferase inhibitor
0,113	0,092	Sulfur dioxygenase inhibitor
0,052	0,032	Amylosucrase inhibitor
0,037	0,016	Nucleoside transporters inhibitor
0,084	0,063	UDP-N-acetylglucosamine 2-epimerase inhibitor
0,139	0,119	Smooth muscle myosin light chain kinase inhibitor
0,087	0,067	Beta-N-acetylgalactosaminidase inhibitor
0,076	0,056	Cyanate hydratase inhibitor
0,121	0,102	Ferrochelatase inhibitor
0,179	0,160	Glutaminy-peptide cyclotransferase inhibitor
0,062	0,043	Erythro-3-hydroxyaspartate ammonia-lyase inhibitor

0,092 0,073 Dihydrouracil oxidase inhibitor
0,078 0,058 [myelin basic protein]-arginine N-methyltransferase inhibitor
0,091 0,072 Glyceraldehyde-3-phosphate dehydrogenase (phosphoryla
0,084 0,065 Squalene-hopene cyclase inhibitor
0,068 0,049 Xylan 1,4-beta-xylosidase inhibitor
0,083 0,064 Proline dehydrogenase inhibitor
0,180 0,161 Limulus clotting factor C inhibitor
0,050 0,032 Aminoacyl-tRNA hydrolase inhibitor
0,106 0,088 DNA directed DNA polymerase inhibitor
0,076 0,058 Alanine carboxypeptidase inhibitor
0,121 0,103 Dihydrouracil dehydrogenase (NAD+) inhibitor
0,078 0,061 Retinol O-fatty-acyltransferase inhibitor
0,078 0,060 tRNA (guanine-N2-)-methyltransferase inhibitor
0,079 0,062 L-lysine oxidase inhibitor
0,071 0,054 CYP2C2 substrate
0,107 0,091 Thiol S-methyltransferase inhibitor
0,082 0,065 Interleukin 1a antagonist
0,052 0,035 17-Beta-hydroxysteroid dehydrogenase 1 inhibitor
0,026 0,010 Antibiotic Tetracycline-like
0,065 0,049 L-lactate dehydrogenase (cytochrome) inhibitor
0,068 0,051 3-Alpha-hydroxysteroid dehydrogenase (B-specific) inhibiti
0,279 0,263 Antiviral (Picornavirus)
0,067 0,051 Alternansucrase inhibitor
0,086 0,071 Coproporphyrinogen oxidase inhibitor
0,058 0,042 Tyrosine transaminase inhibitor
0,049 0,033 Sucrose-phosphate phosphatase inhibitor
0,121 0,105 Peptide-tryptophan 2,3-dioxygenase inhibitor
0,093 0,078 Cholestenone 5alpha-reductase inhibitor
0,098 0,083 MAP kinase kinase 7 inhibitor
0,111 0,097 Saccharopine dehydrogenase (NADP+, L-glutamate-formin
0,043 0,029 Electron transport complex I inhibitor
0,092 0,078 Alanine transaminase inhibitor
0,070 0,056 Phosphoribulokinase inhibitor
0,126 0,112 4-Chlorobenzoyl-CoA dehalogenase inhibitor
0,090 0,077 Cytochrome-c3 hydrogenase inhibitor
0,033 0,020 Postcoital contraceptive
0,156 0,143 Diamine N-acetyltransferase inhibitor
0,121 0,107 Chitin synthase inhibitor
0,074 0,060 Galactosylgalactosylglucosylceramidase inhibitor
0,104 0,090 Rhodopsin kinase inhibitor
0,099 0,086 Decylcitrate synthase inhibitor
0,088 0,075 Thermomycolin inhibitor
0,084 0,071 Glutamine-pyruvate transaminase inhibitor
0,082 0,069 CTP synthase inhibitor
0,057 0,045 Chitin deacetylase inhibitor
0,092 0,080 Pyridoxal kinase inhibitor
0,074 0,062 Phosphoenolpyruvate carboxykinase (diphosphate) inhibit

0,174	0,162	CYP2C10 substrate
0,069	0,057	Glycerophosphocholine phosphodiesterase inhibitor
0,048	0,036	Protein-tyrosine phosphatase beta inhibitor
0,051	0,039	Cytosolic phospholipase A2 inhibitor
0,081	0,070	D-proline reductase (dithiol) inhibitor
0,080	0,068	Ribose-5-phosphate-ammonia ligase inhibitor
0,099	0,088	Methionine decarboxylase inhibitor
0,151	0,140	Vascular adhesion protein 1 inhibitor
0,040	0,029	Sodium-dependent vitamin C transporter 2 inhibitor
0,070	0,059	CYP4F12 substrate
0,105	0,094	Atrolysin C inhibitor
0,091	0,080	Glutamate N-acetyltransferase inhibitor
0,073	0,062	Scytalone dehydratase inhibitor
0,064	0,054	4-Hydroxy-4-methyl-2-oxoglutarate aldolase inhibitor
0,048	0,038	Deoxyhypusine monooxygenase inhibitor
0,040	0,030	Cholesterol absorption inhibitor
0,068	0,058	Maleate hydratase inhibitor
0,069	0,060	N-acetylglucosamine-6-phosphate deacetylase inhibitor
0,105	0,096	Beta-ureidopropionase inhibitor
0,064	0,055	Glutamate (mGluR8) agonist
0,180	0,171	Antipsoriatic
0,089	0,080	tRNA (cytosine-5-)-methyltransferase inhibitor
0,040	0,031	Leukotriene C4 antagonist
0,049	0,041	CYP17 substrate
0,090	0,082	D-Ornithine 4,5-aminomutase inhibitor
0,088	0,080	GABA transporter 3 inhibitor
0,078	0,070	D-malate dehydrogenase (decarboxylating) inhibitor
0,103	0,095	3-Hydroxyanthranilate oxidase inhibitor
0,063	0,055	Fatty-acyl-ethyl-ester synthase inhibitor
0,099	0,092	Ribonuclease inhibitor
0,119	0,111	Adenylate kinase inhibitor
0,079	0,072	Nucleotide diphosphatase inhibitor
0,110	0,103	Valine-tRNA ligase inhibitor
0,170	0,163	Cathepsin T inhibitor
0,065	0,058	6-Phosphofructo-2-kinase inhibitor
0,069	0,062	Glycogen synthase kinase-3 beta inhibitor
0,116	0,110	Antihyperlipoproteinemic
0,057	0,050	Leukotriene B4 antagonist
0,158	0,151	Bontoxilysin inhibitor
0,073	0,067	Ribulose-bisphosphate carboxylase inhibitor
0,144	0,138	Thermitase inhibitor
0,080	0,073	Phenylalanine dehydrogenase inhibitor
0,075	0,069	Guanidinopropionase inhibitor
0,062	0,055	Plasminogen activator stimulant
0,074	0,068	Carboxylate reductase inhibitor
0,100	0,094	Malate-CoA ligase inhibitor
0,031	0,025	Protein-tyrosine phosphatase epsilon inhibitor

0,046	0,041	Glucose-6-phosphate translocase inhibitor
0,103	0,098	Ethanolaminephosphotransferase inhibitor
0,029	0,024	DNA gyrase inhibitor
0,042	0,037	Chorismate mutase inhibitor
0,045	0,040	Adenosine A1 receptor antagonist
0,075	0,070	Phosphofructokinase-1 inhibitor
0,086	0,082	Cholesterol oxidase inhibitor
0,078	0,074	Bis(5'-adenosyl)-triphosphatase inhibitor
0,049	0,045	Procollagen glucosyltransferase inhibitor
0,135	0,132	Guanidinoacetate kinase inhibitor
0,123	0,119	K(Ca) 3.1 channel activator
0,123	0,119	Potassium channel intermediate-conductance Ca-activated
0,051	0,048	Biotin-[propionyl-CoA-carboxylase (ATP-hydrolysing)] ligas
0,230	0,227	Antiinflammatory, ophthalmic
0,203	0,200	Neuropeptide Y2 antagonist
0,041	0,038	CYP1B1 inducer
0,039	0,036	Androst-4-ene-3,17-dione monooxygenase inhibitor
0,063	0,060	Peptidoglycan beta-N-acetylmuramidase inhibitor
0,059	0,056	Alpha-L-rhamnosidase inhibitor
0,201	0,198	Enteropeptidase inhibitor
0,031	0,029	Cortisol sulfotransferase inhibitor
0,108	0,106	Lanosterol 14 alpha demethylase inhibitor
0,079	0,077	Glycine transaminase inhibitor
0,036	0,035	Antimitotic, Podophyllotoxin-like
0,097	0,096	Carnitine 3-dehydrogenase inhibitor
0,066	0,064	Amino-acid racemase inhibitor
0,024	0,022	Phosphogluconate 2-dehydrogenase inhibitor
0,080	0,079	Aspartate transaminase inhibitor
0,041	0,040	Carboxy-cis,cis-muconate cyclase inhibitor
0,052	0,051	Tubuliny-Tyr carboxypeptidase inhibitor
0,047	0,046	Protein kinase C epsilon inhibitor
0,091	0,090	Sodium channel (voltage-gated) blocker
0,174	0,173	X-methyl-His dipeptidase inhibitor
0,021	0,021	3-Oxoacyl-[acyl-carrier-protein] synthase II inhibitor
0,069	0,069	Beta-D-fucosidase inhibitor
0,060	0,060	Aspartate 1-decarboxylase inhibitor
0,038	0,038	Orotidylate decarboxylase inhibitor
0,091	0,091	Interferon agonist

Activity

Chlordecone reductase inhibitor
HIF1A expression inhibitor
2-Dehydropantoate 2-reductase inhibitor
Membrane integrity agonist
Peroxidase inhibitor
HMOX1 expression enhancer
Antimutagenic
Aryl-alcohol dehydrogenase (NADP+) inhibitor
Membrane permeability inhibitor
Kinase inhibitor
P-benzoquinone reductase (NADPH) inhibitor
2-Dehydropantolactone reductase (A-specific) inhibitor
UGT1A9 substrate
UGT1A6 substrate
NADPH-ferrihemoprotein reductase inhibitor
Cystathionine beta-synthase inhibitor
CYP1A substrate
TP53 expression enhancer
NADPH oxidase inhibitor
Beta-carotene 15,15'-monooxygenase inhibitor
Glycerol dehydrogenase (NADP+) inhibitor
CYP1A inducer
Antioxidant
Quercetin 2,3-dioxygenase inhibitor
Anaphylatoxin receptor antagonist
CYP1A1 inducer
CYP1A2 substrate
MAP kinase stimulant
Apoptosis agonist
Alcohol dehydrogenase (NADP+) inhibitor
CYP1A1 substrate
Xenobiotic-transporting ATPase inhibitor
Iodide peroxidase inhibitor
AR expression inhibitor
Hemostatic
Antihemorrhagic
UGT1A substrate
CYP2C12 substrate
Histidine kinase inhibitor
Ubiquinol-cytochrome-c reductase inhibitor
Cardioprotectant
2-Enoate reductase inhibitor
CYP1A inhibitor
UGT1A1 substrate

Xanthine oxidase inhibitor
Testosterone 17beta-dehydrogenase inhibitor
UDP-glucuronosyltransferase substrate
UGT1A10 substrate
UGT1A3 substrate
Aldehyde oxidase inhibitor
CYP1A2 inhibitor
CYP1A1 inhibitor
Antineoplastic
Lipid peroxidase inhibitor
Free radical scavenger
1-Alkylglycerophosphocholine O-acetyltransferase inhibitor
UGT1A8 substrate
NOS2 expression inhibitor
CYP19 inhibitor
CYP3A4 inducer
Xanthine dehydrogenase inhibitor
Monophenol monooxygenase inhibitor
Creatine kinase inhibitor
Vasoprotector
Alcohol dehydrogenase [NAD(P)+] inhibitor
Chalcone isomerase inhibitor
3-Methylbutanal reductase inhibitor
CYP19A1 expression inhibitor
Glutathione-disulfide reductase inhibitor
3-Oxoacyl-[acyl-carrier-protein] synthase inhibitor
Sulfotransferase substrate
UGT2B15 substrate
Antiseborrheic
Morphine 6-dehydrogenase inhibitor
Anticarcinogenic
Astringent
CYP2C8 inhibitor
CYP1B1 inhibitor
CYP3A inducer
APOA1 expression enhancer
UGT2B substrate
CYP2C substrate
Aspulvinone dimethylallyltransferase inhibitor
Hepatoprotectant
Chemopreventive
Pectate lyase inhibitor
JAK2 expression inhibitor
4-Nitrophenol 2-monooxygenase inhibitor
Histamine release stimulant
SULT1A3 substrate
Interleukin 4 antagonist

Antiinflammatory
Malate dehydrogenase inhibitor
Capillary fragility treatment
Testosterone 17beta-dehydrogenase (NADP+) inhibitor
Chemoprotective
CYP2C9 substrate
MMP9 expression inhibitor
CYP2B5 substrate
Mucomembranous protector
27-Hydroxycholesterol 7alpha-monooxygenase inhibitor
Histamine release inhibitor
Beta glucuronidase inhibitor
Nitric oxide antagonist
Hydroxysteroid dehydrogenase inhibitor
RELA expression inhibitor
UGT2B12 substrate
CF transmembrane conductance regulator agonist
Beta-N-acetylhexosaminidase inhibitor
CYP2A4 substrate
CYP2J substrate
Proliferative diseases treatment
Reductant
Cholestanetriol 26-monooxygenase inhibitor
CYP2B6 substrate
4-Coumarate-CoA ligase inhibitor
CYP2J2 substrate
Plastoquinol-plastocyanin reductase inhibitor
Leukotriene-B4 20-monooxygenase inhibitor
Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase inhibitor
Cytoprotectant
Histone deacetylase SIRT2 stimulant
CYP3A4 substrate
CYP2A6 substrate
Histidinol dehydrogenase inhibitor
Skin whitener
DOPA decarboxylase inhibitor
Kidney function stimulant
Radiosensitizer
Lactoylglutathione lyase inhibitor
Radioprotector
Fibrinolytic
Insulysin inhibitor
CYP2A11 substrate
Transcription factor inhibitor
15-Lipoxygenase inhibitor
Antineoplastic (breast cancer)
Telomerase inhibitor

CYP2A substrate
Trans-acenaphthene-1,2-diol dehydrogenase inhibitor
DNA ligase (ATP) inhibitor
Maillard reaction inhibitor
Thyroxine 5-deiodinase inhibitor
Antiseptic
Severe acute respiratory syndrome treatment
CYP3A substrate
Steroid N-acetylglucosaminyltransferase inhibitor
HCV IRES inhibitor
Pim-1 kinase inhibitor
Sugar-phosphatase inhibitor
Hepatic disorders treatment
CYP2C11 substrate
Vasodilator
UGT1A7 substrate
Pin1 inhibitor
Ecdysone 20-monooxygenase inhibitor
Oxidoreductase inhibitor
Cytostatic
Tetrahydroxynaphthalene reductase inhibitor
NADPH-cytochrome-c2 reductase inhibitor
Alcohol dehydrogenase inhibitor
CYP2C9 inducer
NADPH peroxidase inhibitor
Gluconate 2-dehydrogenase (acceptor) inhibitor
CYP3A2 substrate
HIV-1 integrase (3'-Processing) inhibitor
Dehydro-L-gulonate decarboxylase inhibitor
NF-E2-related factor 2 stimulant
CYP1B substrate
Pyruvate kinase inhibitor
Aryl hydrocarbon receptor agonist
CYP2C19 substrate
Neurotransmitter antagonist
Ribulose-phosphate 3-epimerase inhibitor
Antiviral (Hepatitis B)
Platelet adhesion inhibitor
Fatty acid synthase inhibitor
Oxygen scavenger
Estrogen receptor beta antagonist
5-Hydroxytryptamine release inhibitor
Aldose reductase inhibitor
CYP2A2 substrate
2-Hydroxyquinoline 8-monooxygenase inhibitor
Alkane 1-monooxygenase inhibitor
Mediator release inhibitor

Vascular (periferal) disease treatment
Melanin inhibitor
Feruloyl esterase inhibitor
Glucan endo-1,6-beta-glucosidase inhibitor
CYP2A5 substrate
Estrogen antagonist
Antiprotozoal (Leishmania)
1-Acylglycerol-3-phosphate O-acyltransferase inhibitor
CYP2G1 substrate
Antineoplastic (small cell lung cancer)
Lipid metabolism regulator
Estrogen agonist
Antiviral (Herpes)
CYP3A7 substrate
Fatty-acyl-CoA synthase inhibitor
Phosphoenolpyruvate carboxylase inhibitor
Endopeptidase La inhibitor
CYP2B substrate
Antifungal
MAO inhibitor
Alopecia treatment
CYP2E substrate
Antiprotozoal
Glutathione thiolesterase inhibitor
Histone deacetylase stimulant
Histone deacetylase SIRT1 stimulant
5 Hydroxytryptamine uptake stimulant
NAD(P)+-arginine ADP-ribosyltransferase inhibitor
Complement factor D inhibitor
Nitrite reductase [NAD(P)H] inhibitor
Prostate cancer treatment
2,6-Dihydroxypyridine 3-monooxygenase inhibitor
UDP-N-acetylglucosamine 4-epimerase inhibitor
CYP2A1 substrate
Glutamyl endopeptidase II inhibitor
Thioredoxin inhibitor
Antidote
Glyoxylate oxidase inhibitor
Nitrate reductase (cytochrome) inhibitor
Estradiol 17 beta dehydrogenase 2 inhibitor
HIV-1 integrase (Strand Transfer) inhibitor
Chemosensitizer
Estrone sulfotransferase inhibitor
5-O-(4-coumaroyl)-D-quininate 3'-monooxygenase inhibitor
Aminobutyraldehyde dehydrogenase inhibitor
Lipoxygenase inhibitor
CYP2E1 substrate

Antileukemic
Gonadotropin antagonist
CYP3A1 substrate
3-Demethylubiquinone-9 3-O-methyltransferase inhibitor
SULT1E1 substrate
GABA C receptor antagonist
3-Phytase inhibitor
Alkaline phosphatase inhibitor
HIV-1 integrase inhibitor
Mcl-1 antagonist
Keratolytic
Gout treatment
NAD(P)H dehydrogenase (quinone) inhibitor
CYP2C6 substrate
Estradiol 17 beta dehydrogenase inhibitor
Antihypercholesterolemic
Choleretic
UGT2B4 substrate
Antipruritic, allergic
GST M substrate
Nav1.5 sodium channel blocker
Ovulation inhibitor
Taurine dehydrogenase inhibitor
4-Methoxybenzoate monooxygenase (O-demethylating) inhibitor
CYP2A3 substrate
TNF expression inhibitor
MAO A inhibitor
Antiprotozoal (Trypanosoma)
CYP1B1 substrate
CYP2B11 substrate
UGT1A4 substrate
Vasodilator, coronary
Proto-oncogene tyrosine-protein kinase Fgr inhibitor
Non-steroidal antiinflammatory agent
CYP2F1 substrate
Antiviral (Influenza)
Antituberculosic
2-Nitropropane dioxygenase inhibitor
CTGF expression inhibitor
Phloroglucinol reductase inhibitor
Sulfite oxidase inhibitor
Antidiabetic symptomatic
CYP2E1 inducer
2,3-Dihydroxyindole 2,3-dioxygenase inhibitor
RNA directed DNA polymerase inhibitor
Anti-Helicobacter pylori
Antineoplastic (lung cancer)

Antibacterial
P-glycoprotein inhibitor
Acetylcholine neuromuscular blocking agent
Aspartate-phenylpyruvate transaminase inhibitor
Antimycobacterial
Catechol 1,2-dioxygenase inhibitor
Antiulcerative
Enoyl-[acyl-carrier-protein] reductase (NADH) inhibitor
Proteasome endopeptidase complex inhibitor
Fusarinine-C ornithinesterase inhibitor
Mannan endo-1,4-beta-mannosidase inhibitor
Angiogenesis stimulant
Quinoprotein glucose dehydrogenase inhibitor
UGT2B28 substrate
Caspase 3 stimulant
Glutathione S-transferase substrate
Topoisomerase I inhibitor
Antiprotozoal (Plasmodium)
Menopausal disorders treatment
Nucleotide metabolism regulator
Clavamate synthase inhibitor
Platelet aggregation stimulant
3-Hydroxybenzoate 6-monooxygenase inhibitor
Pim kinase inhibitor
CYP2A10 substrate
MO15-related protein kinase Pfmrk inhibitor
Dual specificity phosphatase 1 inhibitor
Mycothiol-S-conjugate amidase inhibitor
Cyclin-dependent kinase 6 inhibitor
Dual specificity phosphatase inhibitor
Peptide alpha-N-acetyltransferase inhibitor
Topoisomerase II inhibitor
1,4-Lactonase inhibitor
P-glycoprotein 1 inhibitor
Hydroxylamine reductase (NADH) inhibitor
Demethylsterigmatocystin 6-O-methyltransferase inhibitor
UGT2B1 substrate
Sepiapterin reductase inhibitor
Nicotine dehydrogenase inhibitor
Trimethylamine-oxide aldolase inhibitor
Spasmolytic
Protein kinase (CK2) inhibitor
Mucositis treatment
Cis-1,2-dihydro-1,2-dihydroxynaphthalene dehydrogenase inhibitor
SULT1A1 substrate
Myosin ATPase inhibitor
12-Lipoxygenase inhibitor

EIF4E expression inhibitor
Preneoplastic conditions treatment
UGT2B7 substrate
Antiallergic
Gastritis treatment
Antiosteoporotic
Transcription factor NF kappa B inhibitor
Electron-transferring-flavoprotein dehydrogenase inhibitor
CYP2D6 substrate
Caspase 8 stimulant
Tubulin antagonist
Nicotinic alpha6beta3beta4alpha5 receptor antagonist
Dextranase inhibitor
Phthalate 4,5-dioxygenase inhibitor
Transcription factor STAT inhibitor
Membrane integrity antagonist
Lactase inhibitor
Salicylate 1-monooxygenase inhibitor
Linoleate diol synthase inhibitor
Glucan 1,4-alpha-maltotriohydrolase inhibitor
Antineoplastic (cervical cancer)
Laxative
Threonine aldolase inhibitor
Antineoplastic (sarcoma)
Antithrombotic
N-hydroxyarylamine O-acetyltransferase inhibitor
Leukotriene-C4 synthase inhibitor
Photosensitizer
Protein phosphatase inhibitor
Saccharopepsin inhibitor
Chymosin inhibitor
Acrocyllindropepsin inhibitor
CYP2D substrate
Manganese peroxidase inhibitor
Protein-tyrosine phosphatase inhibitor
Sulfur reductase inhibitor
CYP2D16 substrate
CYP2C8 inducer
Alpha glucosidase inhibitor
Antihypoxic
CYP2C8 substrate
Hyponitrite reductase inhibitor
Vitamin-K-epoxide reductase (warfarin-insensitive) inhibitor
GABA aminotransferase inhibitor
Arginine 2-monooxygenase inhibitor
Antifibrinolytic
Glycosylphosphatidylinositol phospholipase D inhibitor

Phenol 2-monooxygenase inhibitor
Phosphatase inhibitor
Formate-dihydrofolate ligase inhibitor
Thromboxane B2 antagonist
Phosphatidylcholine-retinol O-acyltransferase inhibitor
Antiviral
Opioid kappa 3 receptor antagonist
Pterin deaminase inhibitor
Protein kinase stimulant
Glycerol-3-phosphate oxidase inhibitor
Cytochrome P450 inhibitor
Protein-disulfide reductase (glutathione) inhibitor
Linoleoyl-CoA desaturase inhibitor
Acylcarnitine hydrolase inhibitor
Hydrogen dehydrogenase inhibitor
Macrophage colony stimulating factor agonist
5-Lipoxygenase inhibitor
Malate dehydrogenase (acceptor) inhibitor
Antiparasitic
UGT2B18 substrate
Breast cancer-resistant protein inhibitor
CYP1A2 inducer
General pump inhibitor
CYP2C29 substrate
Alkenylglycerophosphocholine hydrolase inhibitor
Arylsulfate sulfotransferase inhibitor
CYP3A5 substrate
Leukopoiesis stimulant
Transcription factor NF kappa A inhibitor
Antiuremic
Cell wall biosynthesis inhibitor
CYP7 inhibitor
Bone diseases treatment
Antineoplastic (colorectal cancer)
Retinoic acid metabolism inhibitor
Alkylator
Phospholipid-translocating ATPase inhibitor
Alkylacetylgllycerophosphatase inhibitor
Histidine decarboxylase inhibitor
CYP26 inhibitor
Fructose 5-dehydrogenase inhibitor
3-Dehydroquinase synthase inhibitor
Analeptic
Aldose reductase 2 inhibitor
Magnesium-protoporphyrin IX monomethyl ester (oxidative) cyclase inhibitor
FMO1 substrate
Gentisate 1,2-dioxygenase inhibitor

Prunasin beta-glucosidase inhibitor
RNA synthesis inhibitor
Antineoplastic (colon cancer)
(R)-6-hydroxynicotine oxidase inhibitor
Carboxypeptidase Taq inhibitor
Antiinfective
Phosphopantothenoylecysteine decarboxylase inhibitor
Glutaminase inhibitor
Glycerol-3-phosphate dehydrogenase inhibitor
L-glutamate oxidase inhibitor
SMN2 expression enhancer
Antihelminthic (Nematodes)
ICAM1 expression inhibitor
Estrogen beta receptor agonist
Succinate-semialdehyde dehydrogenase [NAD(P)+] inhibitor
Limulus clotting factor B inhibitor
Rubredoxin-NAD⁺ reductase inhibitor
Fumarate reductase (NADH) inhibitor
Hypoxia inducible factor 1 alpha inhibitor
Prostaglandin-A1 DELTA-isomerase inhibitor
Gluconate 5-dehydrogenase inhibitor
Antitussive
Dihydroxy-acid dehydratase inhibitor
NADH kinase inhibitor
CDP-diacylglycerol-glycerol-3-phosphate 3-phosphatidyltransferase inhibitor
MAP kinase kinase 4 inhibitor
S-formylglutathione hydrolase inhibitor
Venombin AB inhibitor
Indanol dehydrogenase inhibitor
Glyoxylate reductase inhibitor
Guanosine-3',5'-bis(diphosphate) 3'-diphosphatase inhibitor
Chloride peroxidase inhibitor
Glucan endo-1,3-beta-D-glucosidase inhibitor
CYP2B10 substrate
Antineoplastic (squamous cell carcinoma)
Pseudolysin inhibitor
Phenylpyruvate decarboxylase inhibitor
tRNA-pseudouridine synthase I inhibitor
Antipruritic
Respiratory analeptic
Antithyroid
Endopeptidase inhibitor
Antidyskinetic
Antineoplastic (melanoma)
Fructan beta-fructosidase inhibitor
Gamma-guanidinobutyraldehyde dehydrogenase inhibitor
Antineoplastic (glioma)

Nitrite reductase (NO-forming) inhibitor
CYP2B2 substrate
Phenol O-methyltransferase inhibitor
Sweetener
Viral entry inhibitor
Diacylglycerol kinase inhibitor
Exoribonuclease II inhibitor
Protein kinase A inhibitor
Apoptosis antagonist
Mucinamylserine mucinaminidase inhibitor
Hydroxylamine oxidase inhibitor
Mannose isomerase inhibitor
Acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase inhibitor
Lactaldehyde reductase inhibitor
DNA directed RNA polymerase inhibitor
Protein-Npi-phosphohistidine-sugar phosphotransferase inhibitor
CYP3A4 inhibitor
Calcium channel (voltage-sensitive) activator
Dimethylargininase inhibitor
UGT2B20 substrate
Carminative
Peroxidase substrate
4-Hydroxymandelate oxidase inhibitor
HIV-2 reverse transcriptase inhibitor
Glucose oxidase inhibitor
Carbon-monoxide dehydrogenase inhibitor
Lysostaphin inhibitor
Lysase inhibitor
Phenylalanine decarboxylase inhibitor
Sorbitol-6-phosphate 2-dehydrogenase inhibitor
Ompin inhibitor
Heat shock protein antagonist
VEGF expression inhibitor
Estrogen alpha receptor agonist
Taurocyamine kinase inhibitor
Opheline kinase inhibitor
Antineoplastic (brain cancer)
Alkenylglycerophosphoethanolamine hydrolase inhibitor
Glycerol 2-dehydrogenase (NADP+) inhibitor
Peptidoglycan glycosyltransferase inhibitor
CYP2A6 inhibitor
Lysine 2,3-aminomutase inhibitor
Antihematotoxic
Vomilenine glucosyltransferase inhibitor
Malate oxidase inhibitor
Tryptophan 2,3-dioxygenase inhibitor
Thymidylate 5'-phosphatase inhibitor

Postmenopausal disorders treatment
Diphosphomevalonate decarboxylase inhibitor
Nitric oxide scavenger
Chenodeoxycholoyltaurine hydrolase inhibitor
Neurotrophic factor enhancer
2-Oxoaldehyde dehydrogenase (NADP+) inhibitor
Dermatologic
DNA polymerase I inhibitor
Dolichyl-diphosphooligosaccharide-protein glycotransferase inhibitor
Cardiovascular analeptic
Formaldehyde transketolase inhibitor
Phenylacetaldehyde dehydrogenase inhibitor
Polyamine-transporting ATPase inhibitor
UGT2B9 substrate
UGT2B17 substrate
Shikimate 5-dehydrogenase inhibitor
Antihelmintic
Interleukin antagonist
2-Pyrocatechuate decarboxylase inhibitor
CYP2D15 substrate
Leukotriene synthesis inhibitor
Aryl-acylamidase inhibitor
Erythropoiesis stimulant
Ferredoxin hydrogenase inhibitor
Tyrosine 3 hydroxylase inhibitor
Tpr proteinase (Porphyromonas gingivalis) inhibitor
Iduronate-2-sulfatase inhibitor
3-Cyanoalanine hydratase inhibitor
4-Hydroxyphenylacetate 3-monooxygenase inhibitor
Vanilloid 1 agonist
Procollagen-lysine 5-dioxygenase inhibitor
Chitosanase inhibitor
Antineoplastic (lymphoma)
Amyloid beta aggregation inhibitor
Psychosexual dysfunction treatment
D-amino-acid dehydrogenase inhibitor
Octopamine antagonist
GST A substrate
Aldehyde dehydrogenase inhibitor
3,4-Dihydroxy-9,10-secoandrosta-1,3,5(10)-triene-9,17-dione 4,5-dioxygenase inhibitor
Para amino benzoic acid antagonist
Maltose-transporting ATPase inhibitor
Glucan 1,4-alpha-maltotetrahydrolase inhibitor
Protein-tyrosine phosphatase 1B inhibitor
Antiviral (HIV)
Phosphoenolpyruvate mutase inhibitor
N-methylhydantoinase (ATP-hydrolysing) inhibitor

Deoxyribonuclease I inhibitor
5 Hydroxytryptamine release stimulant
Arylmalonate decarboxylase inhibitor
Glutamine-phenylpyruvate transaminase inhibitor
Undecaprenyldiphospho-muramoylpentapeptide beta-N-acetylglucosaminyltransferase inhibitor
Antineoplastic (ovarian cancer)
Arylacetonitrilase inhibitor
Steroid synthesis inhibitor
Pyruvate decarboxylase inhibitor
N-acetylneuraminase 7-O(or 9-O)-acetyltransferase inhibitor
GABA C receptor agonist
Transcription factor STAT6 inhibitor
Thrombolytic
Biphenyl-2,3-diol 1,2-dioxygenase inhibitor
Glutathione reductase inhibitor
N-acylmannosamine kinase inhibitor
3-Hydroxy-4-oxoquinoline 2,4-dioxygenase inhibitor
MAP-kinase-activated kinase inhibitor
Interleukin agonist
Tauropine dehydrogenase inhibitor
Antineoplastic (carcinoma)
Antinephritic
Corticosteroid side-chain-isomerase inhibitor
Pancreatic elastase inhibitor
Adrenergic, ophthalmic
Long-chain-aldehyde dehydrogenase inhibitor
CYP2B1 substrate
Cyclooxygenase inhibitor
Antiperistaltic
Cyclomaltodextrinase inhibitor
Methylamine-glutamate N-methyltransferase inhibitor
Beta lactamase inhibitor
Protein kinase C inhibitor
Methylenetetrahydrofolate reductase (NADPH) inhibitor
Cyclooxygenase substrate
Laccase inhibitor
2,5-Dihydroxypyridine 5,6-dioxygenase inhibitor
Aromatase inhibitor
Hyaluronic acid agonist
L-idoitol 2-dehydrogenase inhibitor
Antipyretic
CYP19 substrate
Glutathione dehydrogenase (ascorbate) inhibitor
Glycolate dehydrogenase inhibitor
N6-methyl-lysine oxidase inhibitor
Beta tubulin antagonist
(S)-6-hydroxynicotine oxidase inhibitor

MAO B inhibitor
Aspergillus nuclease S1 inhibitor
Shikimate O-hydroxycinnamoyltransferase inhibitor
Antineoplastic (pancreatic cancer)
Diiodophenylpyruvate reductase inhibitor
Spermidine dehydrogenase inhibitor
Antineoplastic (multiple myeloma)
CYP2E1 inhibitor
Cyclohexyl-isocyanide hydratase inhibitor
4-Hydroxybenzoate decarboxylase inhibitor
Apyrase inhibitor
Anthelmintic (Fasciola)
(S)-3-hydroxyacid ester dehydrogenase inhibitor
Cl⁻-transporting ATPase inhibitor
Cholesterol synthesis inhibitor
Cytochrome-b5 reductase substrate
CYP2B4 substrate
Cytochrome P450 stimulant
Gamma-glutamyltransferase inhibitor
Dynamin GTPase inhibitor
Uroporphyrinogen-III synthase inhibitor
Endothelial growth factor antagonist
Benzaldehyde dehydrogenase (NADP⁺) inhibitor
S-alkylcysteine lyase inhibitor
Gluconolactonase inhibitor
HCV NS3-helicase inhibitor
Mannitol-1-phosphatase inhibitor
Huntington's disease treatment
ADP-thymidine kinase inhibitor
Naphthalene 1,2-dioxygenase inhibitor
Ferredoxin-NAD⁺ reductase inhibitor
Bisphosphoglycerate phosphatase inhibitor
Laminaribiose phosphorylase inhibitor
Protein kinase C zeta inhibitor
Phospholipase A2 inhibitor
Antiinflammatory, intestinal
N-formylmethionyl-peptidase inhibitor
ATPase inhibitor
Di-trans,poly-cis-decaprenylcistransferase inhibitor
TRPA1 agonist
Phosphatidylinositol diacylglycerol-lyase inhibitor
(R)-Pantolactone dehydrogenase (flavin) inhibitor
2-Hydroxy-3-oxoadipate synthase inhibitor
Vitamin
Uric acid excretion stimulant
Sphinganine kinase inhibitor
CYP3A3 substrate

Cytochrome-b5 reductase inhibitor
Ca²⁺/calmodulin-dependent protein kinase inhibitor
Antineoplastic (glioblastoma multiforme)
Crotonoyl-[acyl-carrier-protein] hydratase inhibitor
N-Acyl-D-aspartate deacylase inhibitor
Immunosuppressant
N-hydroxy-2-acetamidofluorene reductase inhibitor
Interleukin 6 antagonist
Squalene epoxidase inhibitor
Glycerol-1-phosphatase inhibitor
H⁺-exporting ATPase inhibitor
Oligo-1,6-glucosidase inhibitor
Aldehyde dehydrogenase 2 substrate
2,3,4,5-Tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase inhibitor
Antineoplastic (renal cancer)
UGT1A5 substrate
Membrane permeability enhancer
Paraoxonase substrate
Dementia treatment
Anthranilate 3-monooxygenase (deaminating) inhibitor
Alkene monooxygenase inhibitor
Alcohol dehydrogenase (acceptor) inhibitor
Monodehydroascorbate reductase (NADH) inhibitor
Blasticidin-S deaminase inhibitor
Neuropeptide Y4 antagonist
Phospholipase C inhibitor
Indoleamine-pyrrole 2,3-dioxygenase inhibitor
Thioredoxin reductase inhibitor
Antineoplastic antibiotic
Antineoplastic (uterine cancer)
Isoquinoline 1-oxidoreductase inhibitor
Skeletal muscle relaxant
Peptide-N4-(N-acetyl-beta-glucosaminy)asparagine amidase inhibitor
Styrene-oxide isomerase inhibitor
Fragilysin inhibitor
3-Hydroxyphenylacetate 6-hydroxylase inhibitor
Phosphorylase kinase inhibitor
CYP1A3 substrate
Cyanoalanine nitrilase inhibitor
Cytokine release inhibitor
Sulfite reductase inhibitor
4-Phytase inhibitor
CDC25A inhibitor
Sclerosant
Cyclooxygenase 1 inhibitor
Isopenicillin-N epimerase inhibitor
CYP4A substrate

Adenylyl-sulfate reductase inhibitor
CYP2C9 inhibitor
CYP4A11 substrate
Amine dehydrogenase inhibitor
Histidine N-acetyltransferase inhibitor
Endo-1,3(4)-beta-glucanase inhibitor
Heat shock protein 90 antagonist
HIV-1 integrase (Overall Integration) inhibitor
2-Haloacid dehalogenase inhibitor
Sedoheptulose-bisphosphatase inhibitor
Trans-pentaprenyltranstransferase inhibitor
Dimethylmaleate hydratase inhibitor
Vasodilator, peripheral
CYP4F2 substrate
Fibrolase inhibitor
Antineoplastic (bladder cancer)
L-amino-acid oxidase inhibitor
Estradiol 17alpha-dehydrogenase inhibitor
Horrilysin inhibitor
Homogentisate 1,2-dioxygenase inhibitor
6-Methylsalicylate decarboxylase inhibitor
Cyclic AMP phosphodiesterase inhibitor
Phosphatidylserine decarboxylase inhibitor
Protein kinase C eta inhibitor
Histone deacetylase class III inhibitor
Cerebroside-sulfatase inhibitor
Dry eye syndrome treatment
Cyclooxygenase 2 inhibitor
Leucine dehydrogenase inhibitor
Antidiabetic (type 1)
Arylsulfatase inhibitor
Acyl-CoA oxidase inhibitor
NOS3 expression enhancer
CYP2B18 substrate
Phospholipase inhibitor
MAP-kinase-activated kinase 1 inhibitor
Levanase inhibitor
UGT2B10 substrate
Poly(beta-D-mannuronate) lyase inhibitor
ATP phosphoribosyltransferase inhibitor
Venom exonuclease inhibitor
Pullulanase inhibitor
Antiprotozoal (Trichomonas)
Protocatechuate 3,4-dioxygenase inhibitor
Nicotinate dehydrogenase inhibitor
Antitoxic
Bacterial efflux pump inhibitor

Azobenzene reductase inhibitor
Catalase stimulant
Tumour necrosis factor antagonist
Inotropic
Histone acetyltransferase inhibitor
Aminomuconate-semialdehyde dehydrogenase inhibitor
Protein kinase C mu inhibitor
Myc inhibitor
Phobic disorders treatment
Pyruvate dehydrogenase (lipoamide) inhibitor
Lactose synthase inhibitor
Catechol O methyltransferase inhibitor
D-alanine 2-hydroxymethyltransferase inhibitor
Antiprotozoal (Coccidial)
4,5-Dihydroxyphthalate decarboxylase inhibitor
Trans-2-enoyl-CoA reductase (NAD+) inhibitor
Pyruvate dehydrogenase (cytochrome) inhibitor
Polyporopepsin inhibitor
Cancer associated disorders treatment
Antineoplastic (non-small cell lung cancer)
Thiopurine S-methyltransferase inhibitor
Aspartate-ammonia ligase inhibitor
[acyl-carrier-protein] S-acetyltransferase inhibitor
Protein-glucosylgalactosylhydroxylysine glucosidase inhibitor
Ribonucleoside triphosphate reductase inhibitor
Glycogen synthase kinase-3 alpha inhibitor
Aryl sulfotransferase inhibitor
Meprin B inhibitor
Antimyopathies
Glutarate-semialdehyde dehydrogenase inhibitor
O-aminophenol oxidase inhibitor
Bilirubin oxidase inhibitor
Pyruvate dehydrogenase inhibitor
Hippurate hydrolase inhibitor
Muscular dystrophy treatment
Tumour necrosis factor alpha antagonist
Glutamate decarboxylase inhibitor
Macrophage migration inhibitory factor inhibitor
15-Hydroxyprostaglandin-D dehydrogenase (NADP+) inhibitor
Coagulant
Bothrolysin inhibitor
Bcl2 antagonist
D-threo-aldose 1-dehydrogenase inhibitor
2,4-Dichlorophenol 6-monooxygenase inhibitor
Acetylcysteine inhibitor
Ubiquitin thiolesterase inhibitor
CYP2C18 substrate

4-Hydroxybenzoate-CoA ligase inhibitor
Nitrate reductase inhibitor
Gamma-butyrobetaine dioxygenase inhibitor
Acylphosphatase inhibitor
Radical formation agonist
Antipruritic, non-allergic
Methane monooxygenase inhibitor
Creatininase inhibitor
Stipitatonate decarboxylase inhibitor
Anthranilate-CoA ligase inhibitor
Nicotinic alpha2beta2 receptor antagonist
Bone formation stimulant
5 Hydroxytryptamine 2B agonist
Alpha-N-acetylglucosaminidase inhibitor
Phosphoinositide 5-phosphatase inhibitor
Lipoxygenase substrate
Imidazoleacetate 4-monooxygenase inhibitor
Adrenaline release stimulant
Riboflavin phosphotransferase inhibitor
3-Oxosteroid 1-dehydrogenase inhibitor
Neuraminidase inhibitor
Aryl hydrocarbon receptor antagonist
2-Hydroxymuconate-semialdehyde hydrolase inhibitor
Corticosteroid antagonist
Phosphatidylglycerol-membrane-oligosaccharide glycerophosphotransferase inhibitor
Muscle relaxant
Glucan 1,4-beta-glucosidase inhibitor
L-iduronidase inhibitor
N-acetyl-gamma-glutamyl-phosphate reductase inhibitor
Pantoate 4-dehydrogenase inhibitor
Phosphatidylinositol kinase inhibitor
3-Hydroxybutyryl-CoA dehydrogenase inhibitor
2,4-Diaminopentanoate dehydrogenase inhibitor
Lysine 6-dehydrogenase inhibitor
All-trans-retinyl-palmitate hydrolase inhibitor
Polyneuridine-aldehyde esterase inhibitor
N-benzyloxycarbonylglycine hydrolase inhibitor
3-Oxoadipate enol-lactonase inhibitor
Pappalysin-1 inhibitor
Gestagen antagonist
D-xylulose reductase inhibitor
Tannase inhibitor
CD45 antagonist
Antibiotic
tRNA nucleotidyltransferase inhibitor
Simian immunodeficiency virus proteinase inhibitor
Penicillin amidase inhibitor

Serum-glucocorticoid regulated kinase inhibitor
Arachidonic acid antagonist
Phosphatidylinositol 3-kinase inhibitor
Iron antagonist
UGT2B11 substrate
Licheninase inhibitor
Alpha-glucuronidase inhibitor
Glycine dehydrogenase (decarboxylating) inhibitor
Biotin-CoA ligase inhibitor
Homoaconitate hydratase inhibitor
Triacetate-lactonase inhibitor
6-Carboxyhexanoate-CoA ligase inhibitor
Sulfite dehydrogenase inhibitor
Contraceptive female
Hydroxyquinol 1,2-dioxygenase inhibitor
Transketolase inhibitor
Alcohol oxidase inhibitor
2-Nitrophenol 2-monooxygenase inhibitor
Spasmolytic, urinary
Methanol dehydrogenase inhibitor
Isocitrate dehydrogenase (NAD+) inhibitor
CDC25 phosphatase inhibitor
Protein kinase C beta inhibitor
Interleukin 12 agonist
Acetylserotonin O-methyltransferase inhibitor
Adenylate cyclase stimulant
Polygalacturonase inhibitor
Dopamine release stimulant
Vanillyl-alcohol oxidase inhibitor
Phosphoenolpyruvate-protein phosphotransferase inhibitor
Succinic dehydrogenase inhibitor
Mannose-6-phosphate isomerase inhibitor
Interleukin 10 antagonist
Phosphogluconate dehydrogenase (decarboxylating) inhibitor
Anticataract
Phosphatidylinositol 3-kinase alpha inhibitor
NAD+ synthase (glutamine-hydrolysing) inhibitor
FMO3 substrate
Fucosterol-epoxide lyase inhibitor
Bisphosphoglycerate mutase inhibitor
Antineoplastic enhancer
Orotate reductase (NADPH) inhibitor
Protein kinase C nu inhibitor
Xylan endo-1,3-beta-xylosidase inhibitor
Antimitotic
Aryldialkylphosphatase inhibitor
4-Hydroxybenzoate 3-monooxygenase inhibitor

Protein synthesis stimulant
Aureolysin inhibitor
UGT2B4D substrate
UGT2B30 substrate
UGT2B19 substrate
UGT2B23 substrate
UGT2B4E substrate
Lombricine kinase inhibitor
3-Hydroxybenzoate 4-monooxygenase inhibitor
Aspartate-tRNA ligase inhibitor
Quinate 5-dehydrogenase inhibitor
UGT2B7H substrate
UGT2B7Y substrate
Tryptophan alpha,beta-oxidase inhibitor
Gamma-D-Glutamyl-meso-diaminopimelate peptidase inhibitor
3-Carboxyethylcatechol 2,3-dioxygenase inhibitor
3-Aminobutyryl-CoA ammonia-lyase inhibitor
Galacturan 1,4-alpha-galacturonidase inhibitor
6,7-Dihydropteridine reductase inhibitor
Tropinesterase inhibitor
Undecaprenyl-diphosphatase inhibitor
Creatinine deaminase inhibitor
Hydroxylamine reductase inhibitor
Antiprotozoal (Amoeba)
Acetylenecarboxylate hydratase inhibitor
Prostaglandin-E2 9-reductase inhibitor
Antinociceptive
PRL phosphatase inhibitor
N-acetylneuraminate synthase inhibitor
Heat shock protein 70 antagonist
Opioid dependency treatment
Mitochondrial processing peptidase inhibitor
Aldehyde dehydrogenase (pyrroloquinoline-quinone) inhibitor
Nucleoside oxidase (H2O2-forming) inhibitor
3-Ketoalidoxylamine C-N-lyase inhibitor
N-acetyllactosamine synthase inhibitor
Succinate dehydrogenase inhibitor
Cysteine-S-conjugate beta-lyase inhibitor
6-Pyruvoyltetrahydropterin synthase inhibitor
CYP2A5 inhibitor
Cyclohexanone monooxygenase inhibitor
Diuretic
Poly(ADP-ribose) glycohydrolase inhibitor
L-ascorbate peroxidase inhibitor
CYP3A5 inducer
Histone deacetylase SIRT2 inhibitor
Camphor 1,2-monooxygenase inhibitor

D-arabinonolactone oxidase inhibitor
Dihydroxyacetanilide epoxidase inhibitor
Dihydroxyacetanilide dehydrogenase inhibitor
Antidote, heavy metal
CDC25B inhibitor
D-lactaldehyde dehydrogenase inhibitor
Pyridoxine 5-dehydrogenase inhibitor
Ornithine cyclodeaminase inhibitor
Alpha-1,6-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase inhibitor
1,4-Alpha-glucan branching enzyme inhibitor
Rhamnulose-1-phosphate aldolase inhibitor
N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase inhibitor
4-Hydroxyglutamate transaminase inhibitor
Beta-cyclopiazotate dehydrogenase inhibitor
Cyclic AMP agonist
T cell inhibitor
Antineoplastic (gastric cancer)
Antipsoriatic
Thiamine pyridinylase inhibitor
CYP11B1 inhibitor
2-Amino adipate transaminase inhibitor
Acyl-lysine deacylase inhibitor
Cyclin-dependent kinase 1 inhibitor
Snapalysin inhibitor
Tyrosine 2,3-aminomutase inhibitor
Cutinase inhibitor
Contraceptive
Anabolic
4-Hydroxyproline epimerase inhibitor
Allantoinase inhibitor
Benzoate 4-monooxygenase inhibitor
3-Phosphoshikimate 1-carboxyvinyltransferase inhibitor
Multidrug resistance-associated protein inhibitor
Arylesterase inhibitor
Aldehyde dehydrogenase 1A2 inhibitor
Urolithiasis treatment
Haloacetate dehalogenase inhibitor
Prepilin peptidase inhibitor
Peptidylamidoglycolate lyase inhibitor
Glutamate-tRNA ligase inhibitor
Aromatic-hydroxylamine O-acetyltransferase inhibitor
2-Oxoglutarate decarboxylase inhibitor
Ligase inhibitor
Glutamate (mGluR5) agonist
Prolactin inhibitor
Alkylglycerophosphoethanolamine phosphodiesterase inhibitor
Urease inhibitor

Polarisation inhibitor
Allantoate deiminase inhibitor
Protein kinase C delta inhibitor
Multidrug resistance-associated protein 1 inhibitor
Histidinol-phosphatase inhibitor
Alpha-pinene-oxide decyclase inhibitor
CDP-diacylglycerol-inositol 3-phosphatidyltransferase inhibitor
Glucan 1,6-alpha-glucosidase inhibitor
Transcription factor stimulant
Transcription factor NF kappa B stimulant
CDP-4-dehydro-6-deoxyglucose reductase inhibitor
Ferredoxin-NADP+ reductase inhibitor
Yeast ribonuclease inhibitor
Guanidinoacetase inhibitor
Mannan endo-1,6-alpha-mannosidase inhibitor
Glucan endo-1,3-alpha-glucosidase inhibitor
Carboxymethylenebutenolidase inhibitor
Sorbose dehydrogenase inhibitor
Dynein ATPase inhibitor
Antibiotic Anthracycline-like
L-glucuronate reductase inhibitor
Estrogen-related receptor alpha antagonist
Guanidinodeoxy-scylo-inositol-4-phosphatase inhibitor
Sphingosine kinase inhibitor
Hot flush treatment
Ferredoxin-nitrite reductase inhibitor
MAP-kinase-activated kinase 2 inhibitor
N-(5-amino-5-carboxypentanoyl)-L-cysteinyl-D-valine synthase inhibitor
Expectorant
Na+-transporting two-sector ATPase inhibitor
CYP2D2 inhibitor
Ethanolamine-phosphate cytidyltransferase inhibitor
CYP26A substrate
N-acetylneuraminase 4-O-acetyltransferase inhibitor
Aldose 1-epimerase inhibitor
Coccolysin inhibitor
DNA-3-methyladenine glycosylase I inhibitor
Glutamin-(asparagin-)ase inhibitor
Inulinase inhibitor
Dipeptidase E inhibitor
Flavin-containing monooxygenase substrate
Thiamine-triphosphatase inhibitor
Dopachrome isomerase inhibitor
L-threonine 3-dehydrogenase inhibitor
3(or 17)alpha-hydroxysteroid dehydrogenase inhibitor
Insecticide
Glucarate dehydratase inhibitor

N-methyl-2-oxoglutaramate hydrolase inhibitor
(R)-limonene 6-monooxygenase inhibitor
Bile-salt sulfotransferase inhibitor
Myeloblastin inhibitor
Pseudouridylate synthase inhibitor
Uterine relaxant
Prolyl endopeptidase inhibitor
Galactokinase inhibitor
NMDA receptor glycine site B antagonist
Nicotinic alpha4beta4 receptor agonist
RNA-directed RNA polymerase inhibitor
Sphinganine-1-phosphate aldolase inhibitor
Taurine-2-oxoglutarate transaminase inhibitor
Allophanate hydrolase inhibitor
Aminocarboxymuconate-semialdehyde decarboxylase inhibitor
c-Src kinase inhibitor
3'-Nucleotidase inhibitor
Narcotic antagonist
Choloylglycine hydrolase inhibitor
D-lactate dehydrogenase inhibitor
Pyridoxine 4-oxidase inhibitor
Acute neurologic disorders treatment
Inorganic diphosphatase inhibitor
Glycogen (starch) synthase inhibitor
Beta amyloid protein antagonist
Secretase beta 1 inhibitor
Tryptophan dimethylallyltransferase inhibitor
3,4-Dihydroxyphenylacetate 2,3-dioxygenase inhibitor
Alpha-N-arabinofuranosidase inhibitor
Malonate-semialdehyde dehydrogenase inhibitor
Prephenate dehydrogenase inhibitor
Farnesyltranstransferase inhibitor
DNA-3-methyladenine glycosylase II inhibitor
Phosphatidylinositol 3-kinase gamma inhibitor
Opine dehydrogenase inhibitor
CYP4A2 substrate
Antirickettsial
Endo-1,4-beta-xylanase inhibitor
SULT1A2 substrate
Thiol oxidase inhibitor
Catechol oxidase inhibitor
Opioid mu 2 receptor antagonist
Transthyretin amyloid fibril formation inhibitor
(R,R)-butanediol dehydrogenase inhibitor
2-Oxoisovalerate dehydrogenase (acylating) inhibitor
Lipoprotein lipase stimulant
Diisopropyl-fluorophosphatase inhibitor

Xylose isomerase inhibitor
(S)-3-amino-2-methylpropionate transaminase inhibitor
Shikimate kinase inhibitor
Homocysteine desulfhydrase inhibitor
Glycerol dehydratase inhibitor
Protein kinase C epsilon inhibitor
GST M1-1 substrate
Oryzin inhibitor
Potassium channel (Ca-activated) activator
Lipase inhibitor
CDC25C inhibitor
Orcinol 2-monooxygenase inhibitor
Fructuronate reductase inhibitor
Tagaturonate reductase inhibitor
CYP2D1 substrate
DNA intercalator
Antisecretoric
Peptidyl-dipeptidase B inhibitor
Cellulose 1,4-beta-cellobiosidase inhibitor
Alpha 3 adrenoreceptor agonist
Mucolytic
Glycoprotein-fucosylgalactoside alpha-N-acetylgalactosaminyltransferase inhibitor
(S)-2-hydroxy-acid oxidase inhibitor
LDLR expression enhancer
Quisqualate antagonist
Deoxyribose-phosphate aldolase inhibitor
Antineoplastic (solid tumors)
Polyribonucleotide nucleotidyltransferase inhibitor
Ornithine decarboxylase inhibitor
Aspartyl aminopeptidase inhibitor
DNA-(apurinic or apyrimidinic site) lyase inhibitor
Diiodotyrosine transaminase inhibitor
Cyclamate sulfohydrolase inhibitor
Acetate kinase inhibitor
Methylaspartate ammonia-lyase inhibitor
4-Hydroxyphenylacetate 1-monooxygenase inhibitor
Indolepyruvate C-methyltransferase inhibitor
Steroid sulfotransferase inhibitor
2-Hydroxy-3-oxopropionate reductase inhibitor
Galactosylceramide sulfotransferase inhibitor
GABA B receptor agonist
Gynecological disorders treatment
Aldosterone antagonist
Glycerophosphocholine cholinephosphodiesterase inhibitor
Asparagine-tRNA ligase inhibitor
Methylumbelliferyl-acetate deacetylase inhibitor
Fructose-2,6-bisphosphate 6-phosphatase inhibitor

4-Chlorophenylacetate 3,4-dioxygenase inhibitor
Acetoacetate decarboxylase inhibitor
ADP-ribosylarginine hydrolase inhibitor
Secretase beta inhibitor
Adenomatous polyposis treatment
Acetylnithine deacetylase inhibitor
Alkylglycerone-phosphate synthase inhibitor
4-Hydroxybenzoate 1-hydroxylase inhibitor
Tyrosine phenol-lyase inhibitor
Glutamate-1-semialdehyde 2,1-aminomutase inhibitor
2-Dehydropantoate aldolase inhibitor
Hypolipemic
CYP4F substrate
Poly(alpha-L-gulonate) lyase inhibitor
Histone deacetylase SIRT1 inhibitor
Bcl-xL inhibitor
Phenylalanine(histidine) transaminase inhibitor
Sulfate adenylyltransferase (ADP) inhibitor
Agmatinase inhibitor
Transcription factor AP-1 inhibitor
Selenocysteine lyase inhibitor
Iron-cytochrome-c reductase inhibitor
SULT2A1 substrate
Loop diuretic
Lactate 2-monooxygenase inhibitor
3-Chloro-D-alanine dehydrochlorinase inhibitor
Thiosulfate dehydrogenase inhibitor
Deoxyribonuclease (pyrimidine dimer) inhibitor
3-Hydroxyacyl-CoA dehydrogenase inhibitor
Bronchodilator
Purinergic P2X4 antagonist
NMDA receptor polyamine site antagonist
Serratia marcescens nuclease inhibitor
Alpha,alpha-phosphotrehalase inhibitor
Fibrosis treatment
Benzoylformate decarboxylase inhibitor
DNA repair enzyme inhibitor
Chelator, Iron
Opioid delta 1 receptor antagonist
Polynucleotide adenylyltransferase inhibitor
Nootropic
Trehalose-phosphatase inhibitor
Antiviral (Hepatitis)
Glycine C-acetyltransferase inhibitor
BRAF expression inhibitor
Glycine amidinotransferase inhibitor
Orsellinate decarboxylase inhibitor

Beta 1 adrenoreceptor agonist
Aconitate decarboxylase inhibitor
Phosphatidylglycerophosphatase inhibitor
FtsZ polymerization inhibitor
Dolichyl-phosphatase inhibitor
Mycodextranase inhibitor
Urate-ribonucleotide phosphorylase inhibitor
HIV-1 reverse transcriptase inhibitor
Leukotriene C antagonist
Thiamine-phosphate kinase inhibitor
Chelator
Oxalate oxidase inhibitor
Microtubule formation inhibitor
Albendazole monooxygenase inhibitor
Beta-alanine-pyruvate transaminase inhibitor
Galactose 1-dehydrogenase (NADP+) inhibitor
Phosphomevalonate kinase inhibitor
Heme oxygenase inhibitor
D-cysteine desulfhydrase inhibitor
Glucuronolactone reductase inhibitor
Steroid DELTA-isomerase inhibitor
Epidermal growth factor receptor kinase inhibitor
IgA-specific serine endopeptidase inhibitor
Deoxycytidine deaminase inhibitor
Biotinidase inhibitor
4-Pyridoxolactonase inhibitor
Geranylgeranyl-diphosphate geranylgeranyltransferase inhibitor
Cellulase inhibitor
Carnitine dehydratase inhibitor
Protein kinase C gamma inhibitor
Alanine-tRNA ligase inhibitor
Chaperonin ATPase inhibitor
4-Alpha-glucanotransferase inhibitor
FMN reductase inhibitor
Opioid delta 2 receptor antagonist
Chondroitin 6-sulfotransferase inhibitor
Inositol oxygenase inhibitor
Indoleacetaldoxime dehydratase inhibitor
2-Haloacid dehalogenase (configuration-inverting) inhibitor
Tyrosine-ester sulfotransferase inhibitor
4-Hydroxybenzoate 3-monooxygenase [NAD(P)H] inhibitor
Inositol-3-phosphate synthase inhibitor
Opioid mu 1 receptor antagonist
Glucosamine-1-phosphate N-acetyltransferase inhibitor
CYP2A8 substrate
Isopenicillin-N synthase inhibitor
Glutamate (mGluR1) agonist

4-Hydroxyphenylpyruvate dioxygenase inhibitor
Poly(3-hydroxybutyrate) depolymerase inhibitor
Aldehyde dehydrogenase [NAD(P)+] inhibitor
Dichloromuconate cycloisomerase inhibitor
Adenosine deaminase inhibitor
2-Dehydro-3-deoxy-L-arabinonate dehydratase inhibitor
Leucine transaminase inhibitor
Gluconate dehydratase inhibitor
Aerobactin synthase inhibitor
Isomaltulose synthase inhibitor
Renilla-luciferin 2-monooxygenase inhibitor
Antihypotensive
Protein kinase C beta I inhibitor
CYP3A11 substrate
Retinal dehydrogenase inhibitor
Oxytocin agonist
Aspartate racemase inhibitor
Glucosamine-6-phosphate deaminase inhibitor
Erectile dysfunction treatment
CYP4B1 substrate
D-2-hydroxy-acid dehydrogenase inhibitor
Cholestenone 5alpha-reductase inhibitor
L-lysine 6-transaminase inhibitor
Interferon gamma antagonist
Oxytocic
Phosphogluconate 2-dehydrogenase inhibitor
Glyceraldehyde-3-phosphate dehydrogenase inhibitor
N-Acyl-D-amino-acid deacylase inhibitor
High-mannose-oligosaccharide beta-1,4-N-acetylglucosaminyltransferase inhibitor
CYP4B substrate
Gly-X carboxypeptidase inhibitor
Interferon antagonist
Antitreponemal
Fructose-2,6-bisphosphate 2-phosphatase inhibitor
Osmotic diuretic
Pyridoxamine-phosphate oxidase inhibitor
Pro-opiomelanocortin converting enzyme inhibitor
Hepatocyte nuclear factor antagonist
Hepatocyte nuclear factor 4 alpha antagonist
3(or 17)beta-hydroxysteroid dehydrogenase inhibitor
Allyl-alcohol dehydrogenase inhibitor
Gluconokinase inhibitor
CYP26 substrate
Phenylacetate-CoA ligase inhibitor
Acaricide
Botulin neurotoxin A light chain inhibitor
Prolyl aminopeptidase inhibitor

Pim-2 kinase inhibitor
Ketohehexokinase inhibitor
Adenylylsulphatase inhibitor
Polar-amino-acid-transporting ATPase inhibitor
Galactose oxidase inhibitor
NAD(P)H dehydrogenase (quinone) 1 inhibitor
Carnosine synthase inhibitor
Anhydrotetracycline monooxygenase inhibitor
Mandelate racemase inhibitor
Pantothenase inhibitor
Antimitotic, Podophyllotoxin-like
Agaritine gamma-glutamyltransferase inhibitor
1,5-Anhydro-D-fructose reductase inhibitor
NADH dehydrogenase inhibitor
Phosphatidylinositol 3-kinase beta inhibitor
2-Methylcitrate dehydratase inhibitor
Acetolactate decarboxylase inhibitor
Tryptophanamidase inhibitor
Phosphoglycerate mutase inhibitor
Cyclopentanone monooxygenase inhibitor
Acidifying agent non gastric
Nuclease inhibitor
Androgen antagonist
Protein kinase C alpha inhibitor
Saccharopine dehydrogenase (NAD+, L-glutamate-forming) inhibitor
Phosphatidylinositol 3-kinase delta inhibitor
UDP-glucose 4-epimerase inhibitor
UDP-N-acetylglucosamine diphosphorylase inhibitor
Protocatechuate 4,5-dioxygenase inhibitor
Retinol O-fatty-acyltransferase inhibitor
Carnitinamidase inhibitor
Selectin L antagonist
Pyrimidine-deoxynucleoside 2'-dioxygenase inhibitor
Cellobiose phosphorylase inhibitor
3-Alpha-hydroxysteroid dehydrogenase (B-specific) inhibitor
Phenylalanine 4-hydroxylase inhibitor
Adenylyl-sulfate kinase inhibitor
Muconate cycloisomerase inhibitor
Trimethyllysine dioxygenase inhibitor
3-Oxoacyl-[acyl-carrier-protein] synthase III inhibitor
MDM2 inhibitor
CYP2C2 substrate
L-fuconate dehydratase inhibitor
NAD(P)+ transhydrogenase (B-specific) inhibitor
Glycopeptide alpha-N-acetylgalactosaminidase inhibitor
Endopeptidase So inhibitor
Pectin lyase inhibitor

Aldehyde dehydrogenase 3 substrate
Cysteine desulfurase inhibitor
Aldehyde ferredoxin oxidoreductase inhibitor
DNA gyrase inhibitor
Secretase alpha stimulant
Secretase stimulant
Phosphoinositide phospholipase C inhibitor
Dactylisin inhibitor
Arabinogalactan endo-1,4-beta-galactosidase inhibitor
ATP adenyltransferase inhibitor
Urethanase inhibitor
Haloalkane dehalogenase inhibitor
Ethanolaminephosphotransferase inhibitor
Valine decarboxylase inhibitor
Lactaldehyde reductase (NADPH) inhibitor
Epoxide hydrolase substrate
Leukotriene antagonist
Aspartoacylase inhibitor
Leukopoiesis inhibitor
Glyceraldehyde-3-phosphate dehydrogenase (NADP+) inhibitor
Alpha,alpha-trehalase inhibitor
MAP kinase kinase 7 inhibitor
(S)-2-Methylmalate dehydratase inhibitor
Rhizopuspepsin inhibitor
L-galactonolactone oxidase inhibitor
Valine dehydrogenase (NADP+) inhibitor
3-Deoxy-8-phosphooctulonate synthase inhibitor
Tubulin-tyrosine ligase inhibitor
Glutathione S-transferase inhibitor
Pyruvate carboxylase inhibitor
2,2-Dialkylglycine decarboxylase (pyruvate) inhibitor
Metallocoarboxypeptidase D inhibitor
Ca²⁺-transporting ATPase inhibitor
CYP24 inhibitor
Keratosis actinic (solar) treatment
Cyclohexadienyl dehydrogenase inhibitor
Alpha-N-acetylgalactosaminidase inhibitor
Mevalonate kinase inhibitor
Gallate decarboxylase inhibitor
Aspartate kinase inhibitor
Tyrosine transaminase inhibitor
Isovaleryl-CoA dehydrogenase inhibitor
(S)-carnitine 3-dehydrogenase inhibitor
Glucan 1,3-beta-glucosidase inhibitor
D-lactate dehydrogenase (cytochrome) inhibitor
3C-like protease (Human coronavirus) inhibitor
Ryanodine receptor 1 antagonist

Ryanodine receptor antagonist
Smooth muscle myosin light chain kinase inhibitor
Magnesium-protoporphyrin IX methyltransferase inhibitor
Isoamylase inhibitor
Aspartate-ammonia ligase (ADP-forming) inhibitor
2-Dehydro-3-deoxy-phosphogluconate aldolase inhibitor
Lactate-malate transhydrogenase inhibitor
Serine-pyruvate transaminase inhibitor
3-Dehydroquinate dehydratase inhibitor
Cyclopropane-fatty-acyl-phospholipid synthase inhibitor
Polynucleotide 5'-hydroxy-kinase inhibitor
Arginine decarboxylase inhibitor
Glyoxylate reductase (NADP+) inhibitor
VCAM1 expression inhibitor
Beta-amylase inhibitor
Dual specificity protein phosphatase VHR inhibitor
Insulin sensitizer
N-acetylglucosaminyldiphosphoundecaprenol N-acetyl-beta-D-mannosaminyltransferase inhibitor
DNA synthesis inhibitor
5 Hydroxytryptamine 2A agonist
Lactaldehyde dehydrogenase inhibitor
Glycolaldehyde dehydrogenase inhibitor
Thiamine-phosphate diphosphorylase inhibitor
2-Methylcitrate synthase inhibitor
3-Hydroxyanthranilate 3,4-dioxygenase inhibitor
Opioid kappa 1 receptor antagonist
Vitamin K-like
Subtilisin inhibitor
Glutamate (mGluR6) agonist
CYP17 substrate
N-carbamoyl-L-amino-acid hydrolase inhibitor
2-Methyleneglutarate mutase inhibitor
ATP deaminase inhibitor
Phosphonoacetate hydrolase inhibitor
Dihydroorotate oxidase inhibitor
Glutathione peroxidase inhibitor
Pyridoxal kinase inhibitor
IgA-specific metalloendopeptidase inhibitor
Chloramphenicol O-acetyltransferase inhibitor
Nucleoside transporters inhibitor
UDP-glucose-hexose-1-phosphate uridylyltransferase inhibitor
Aromatic-amino-acid transaminase inhibitor
GST T substrate
GST T1-1 substrate
Androst-4-ene-3,17-dione monooxygenase inhibitor
Gentamicin 2''-nucleotidyltransferase inhibitor
Catechol 2,3-dioxygenase inhibitor

Cysteine transaminase inhibitor
Oxaloacetate decarboxylase inhibitor
Deoxyribonuclease X inhibitor
Amylosucrase inhibitor
Electron transport complex I inhibitor
N-(long-chain-acyl)ethanolamine deacylase inhibitor
Phenylpyruvate tautomerase inhibitor
Chorismate mutase inhibitor
Inositol 1,4,5-triphosphate receptor antagonist
Protein-tyrosine sulfotransferase inhibitor
Atrolysin A inhibitor
Glycogen synthase kinase-3 beta inhibitor
Glutamate 5-kinase inhibitor
Alpha,alpha-trehalose phosphorylase inhibitor
Choline dehydrogenase inhibitor
Thiol protease inhibitor
Scyllo-inosamine-4-phosphate amidinotransferase inhibitor
Pyroglutamyl-peptidase II inhibitor
N-acetylneuraminase lyase inhibitor
DNA helicase inhibitor
Monocarboxylic acid transporter inhibitor
Monocarboxylic acid transporter 1 inhibitor
Plasmanylethanolamine desaturase inhibitor
Carboxypeptidase D inhibitor
Gingipain K inhibitor
17-Beta-hydroxysteroid dehydrogenase 1 inhibitor
Hydroxymethylbilane synthase inhibitor
Antibiotic Tetracycline-like
Sucrose-phosphate phosphatase inhibitor
4-Carboxymethyl-4-methylbutenolide mutase inhibitor
UDP-N-acetylmuramoylalanine-D-glutamate ligase inhibitor
Biotin carboxylase inhibitor
UDP-N-acetylglucosamine-dolichyl-phosphate N-acetylglucosaminophosphotransferase inhibitor
Catalase inhibitor
Arylamine N-Acetyltransferase substrate
[myelin basic protein]-arginine N-methyltransferase inhibitor
Ribitol 2-dehydrogenase inhibitor
Erythro-3-hydroxyaspartate ammonia-lyase inhibitor
Glutamate synthase (ferredoxin) inhibitor
Glycoprotein 3-alpha-L-fucosyltransferase inhibitor
DELTA14-sterol reductase inhibitor
Mannonate dehydratase inhibitor
Serine 3-dehydrogenase inhibitor
Acylglycerone-phosphate reductase inhibitor
Site-specific DNA-methyltransferase (adenine-specific) inhibitor
Src kinase inhibitor
Octadecanal decarbonylase inhibitor

Postcoital contraceptive
Leukotriene B4 antagonist

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Gallic Acid			Syringic Acid	
Pa	Pi	Activity	Pa	Pi
0,955	0,002	Arylacetonitrilase inhibitor	0,949	0,002
0,954	0,002	Chlordecone reductase inhibitor	0,929	0,004
0,950	0,002	Dehydro-L-gulonate decarboxylase inhibitor	0,925	0,004
0,950	0,003	Testosterone 17beta-dehydrogenase (NADP+) inhibitor	0,910	0,002
0,944	0,002	Glutathione thiolesterase inhibitor	0,909	0,002
0,943	0,002	Alkane 1-monooxygenase inhibitor	0,908	0,003
0,941	0,003	Sugar-phosphatase inhibitor	0,910	0,005
0,938	0,002	NADPH-cytochrome-c2 reductase inhibitor	0,908	0,004
0,934	0,001	Threonine aldolase inhibitor	0,907	0,004
0,933	0,002	2-Hydroxyquinoline 8-monooxygenase inhibitor	0,907	0,004
0,933	0,002	Glucan endo-1,6-beta-glucosidase inhibitor	0,904	0,002
0,932	0,002	Arylsulfate sulfotransferase inhibitor	0,904	0,004
0,930	0,002	Ribulose-phosphate 3-epimerase inhibitor	0,897	0,003
0,929	0,002	2-Nitropropane dioxygenase inhibitor	0,896	0,003
0,928	0,004	Alkenylglycerophosphocholine hydrolase inhibitor	0,895	0,003
0,928	0,003	Monodehydroascorbate reductase (NADH) inhibitor	0,893	0,004
0,926	0,002	UDP-N-acetylglucosamine 4-epimerase inhibitor	0,894	0,007
0,926	0,002	Glutamyl endopeptidase II inhibitor	0,886	0,003
0,924	0,002	Aspartate-phenylpyruvate transaminase inhibitor	0,885	0,004
0,923	0,001	Catechol 1,2-dioxygenase inhibitor	0,883	0,004
0,923	0,002	Fatty-acyl-CoA synthase inhibitor	0,880	0,004
0,923	0,003	Pullulanase inhibitor	0,879	0,003
0,923	0,005	Methylenetetrahydrofolate reductase (NADPH) inhibitor	0,879	0,003
0,919	0,003	Taurine dehydrogenase inhibitor	0,878	0,003
0,919	0,003	Prolyl aminopeptidase inhibitor	0,881	0,007
0,915	0,002	Corticosteroid side-chain-isomerase inhibitor	0,874	0,002
0,915	0,003	Dextranase inhibitor	0,869	0,003
0,913	0,002	Bisphosphoglycerate phosphatase inhibitor	0,866	0,001
0,915	0,004	Ubiquinol-cytochrome-c reductase inhibitor	0,868	0,003
0,912	0,001	Cis-1,2-dihydro-1,2-dihydroxynaphthalene dehydrogenase	0,868	0,004
0,910	0,003	Arginine 2-monooxygenase inhibitor	0,866	0,003
0,909	0,002	Gamma-guanidinobutyraldehyde dehydrogenase inhibitor	0,865	0,004
0,910	0,003	Antiseptic	0,863	0,004
0,909	0,002	5-O-(4-coumaroyl)-D-quininate 3'-monooxygenase inhibitor	0,863	0,005
0,907	0,002	Sulfite reductase inhibitor	0,861	0,004
0,908	0,003	2-Dehydropantoate 2-reductase inhibitor	0,861	0,004
0,905	0,002	NADH kinase inhibitor	0,858	0,003
0,908	0,006	Aspulvinone dimethylallyltransferase inhibitor	0,858	0,003
0,903	0,001	Procollagen-lysine 5-dioxygenase inhibitor	0,853	0,003
0,905	0,004	Glucose oxidase inhibitor	0,854	0,003
0,901	0,002	Alcohol oxidase inhibitor	0,855	0,005
0,902	0,004	Feruloyl esterase inhibitor	0,855	0,005
0,901	0,003	Phosphatidylcholine-retinol O-acyltransferase inhibitor	0,848	0,002
0,901	0,003	Creatininase inhibitor	0,855	0,009

0,901	0,004	Aldehyde oxidase inhibitor	0,848	0,003
0,898	0,002	Sulfite oxidase inhibitor	1 0,846	0,004
0,898	0,002	Hyponitrite reductase inhibitor	0,842	0,003
0,898	0,003	3-Hydroxybenzoate 6-monooxygenase inhibitor	0,846	0,008
0,897	0,001	Aminobutyraldehyde dehydrogenase inhibitor	0,839	0,002
0,899	0,005	Sphinganine kinase inhibitor	0,841	0,003
0,898	0,004	Anaphylatoxin receptor antagonist	0,839	0,003
0,898	0,004	Superoxide dismutase inhibitor	0,840	0,004
0,896	0,003	Fusarinine-C ornithinesterase inhibitor	0,837	0,004
0,895	0,002	Aryl-alcohol dehydrogenase (NADP+) inhibitor	0,829	0,004
0,896	0,003	2-Hydroxymuconate-semialdehyde hydrolase inhibitor	0,829	0,004
0,895	0,002	Peptide alpha-N-acetyltransferase inhibitor	0,829	0,005
0,895	0,003	Dimethylargininase inhibitor	0,830	0,006
0,893	0,003	N-benzyloxycarbonylglycine hydrolase inhibitor	0,827	0,004
0,892	0,002	Methylamine-glutamate N-methyltransferase inhibitor	0,827	0,005
0,890	0,002	Chenodeoxycholytaurine hydrolase inhibitor	0,825	0,003
1 0,891	0,003	Peroxidase inhibitor	0,832	0,010
0,891	0,003	Trans-acenaphthene-1,2-diol dehydrogenase inhibitor	0,823	0,004
0,890	0,002	Electron-transferring-flavoprotein dehydrogenase inhibitor	0,822	0,003
0,891	0,002	Glutamine-phenylpyruvate transaminase inhibitor	0,821	0,003
0,890	0,003	Polyamine-transporting ATPase inhibitor	0,827	0,009
0,889	0,002	Crotonoyl-[acyl-carrier-protein] hydratase inhibitor	0,819	0,002
0,888	0,002	Phloroglucinol reductase inhibitor	2 0,821	0,004
0,887	0,001	2,5-Dihydroxypyridine 5,6-dioxygenase inhibitor	0,820	0,004
0,887	0,002	Taurocyamine kinase inhibitor	0,827	0,011
0,887	0,002	Opheline kinase inhibitor	0,819	0,005
0,887	0,002	4-Methoxybenzoate monooxygenase (O-demethylating) inhibitor	0,816	0,002
0,886	0,002	Gluconate 5-dehydrogenase inhibitor	0,826	0,013
0,885	0,003	Pterin deaminase inhibitor	0,816	0,004
0,885	0,002	L-glutamate oxidase inhibitor	0,815	0,004
0,885	0,003	Nitrate reductase (cytochrome) inhibitor	0,814	0,003
0,884	0,002	Magnesium-protoporphyrin IX monomethyl ester (oxidation) inhibitor	0,813	0,003
0,888	0,007	Glutamate-5-semialdehyde dehydrogenase inhibitor	3 0,837	0,027
0,883	0,003	L-glucuronate reductase inhibitor	0,808	0,004
0,881	0,001	Glyoxylate oxidase inhibitor	0,806	0,006
0,882	0,002	N-acetylneuraminase synthase inhibitor	0,815	0,015
0,882	0,002	S-alkylcysteine lyase inhibitor	0,802	0,004
0,881	0,002	N-acylmannosamine kinase inhibitor	0,802	0,005
0,881	0,002	Rhamnulose-1-phosphate aldolase inhibitor	0,804	0,007
0,881	0,002	Cyclohexyl-isocyanide hydratase inhibitor	0,800	0,004
0,881	0,002	3-Hydroxybenzoate 4-monooxygenase inhibitor	0,800	0,005
0,882	0,003	Acetyltransferase inhibitor	0,799	0,004
0,881	0,002	tRNA-pseudouridine synthase I inhibitor	0,797	0,003
0,880	0,002	N-Acyl-D-aspartate deacylase inhibitor	0,798	0,004
0,880	0,003	Exoribonuclease II inhibitor	0,795	0,002
2 0,890	0,014	Membrane integrity agonist	0,797	0,004
0,878	0,002	Naphthalene 1,2-dioxygenase inhibitor	0,794	0,002

0,878	0,002	Ferredoxin-NAD+ reductase inhibitor	0,794	0,002
0,878	0,002	NADPH-ferrihemoprotein reductase inhibitor	0,795	0,004
0,882	0,007	Benzoate-CoA ligase inhibitor	0,794	0,004
0,877	0,002	Benzoate 4-monooxygenase inhibitor	0,794	0,003
0,877	0,003	Allyl-alcohol dehydrogenase inhibitor	0,800	0,010
0,878	0,003	Glucan endo-1,3-beta-D-glucosidase inhibitor	0,794	0,003
0,876	0,002	Phosphatidylserine decarboxylase inhibitor	0,794	0,003
0,875	0,003	Poly(alpha-L-guluronate) lyase inhibitor	0,792	0,002
0,876	0,004	ADP-thymidine kinase inhibitor	0,794	0,004
0,873	0,002	Tryptophanamidase inhibitor	0,796	0,007
0,873	0,003	Aldehyde dehydrogenase (pyrroloquinoline-quinone) inhibi	0,792	0,004
0,872	0,003	Mucinamylserine mucinaminidase inhibitor	0,791	0,005
0,871	0,002	Fructan beta-fructosidase inhibitor	0,792	0,008
0,871	0,003	Spermidine dehydrogenase inhibitor	0,783	0,003
0,869	0,003	Aspartate-ammonia ligase inhibitor	0,784	0,004
0,868	0,002	Long-chain-aldehyde dehydrogenase inhibitor	0,783	0,004
0,867	0,001	Lactaldehyde reductase inhibitor	0,784	0,006
0,869	0,004	N-acetylneuraminate 7-O(or 9-O)-acetyltransferase inhibit	0,782	0,004
0,868	0,003	Arylalkyl acylamidase inhibitor	0,781	0,004
0,870	0,005	NADPH peroxidase inhibitor	0,780	0,003
0,868	0,003	Formaldehyde transketolase inhibitor	0,780	0,004
0,867	0,002	N-methylhydantoinase (ATP-hydrolysing) inhibitor	0,796	0,020
0,866	0,003	4-Hydroxyproline epimerase inhibitor	0,780	0,004
0,865	0,002	Carbon-monoxide dehydrogenase inhibitor	0,781	0,006
0,866	0,002	Pyruvate decarboxylase inhibitor	0,782	0,008
0,865	0,002	Anthranilate 3-monooxygenase (deaminating) inhibitor	0,779	0,005
0,864	0,001	2,6-Dihydroxypyridine 3-monooxygenase inhibitor	0,778	0,004
0,864	0,002	Catechol 2,3-dioxygenase inhibitor	0,778	0,004
0,863	0,002	2-Oxoaldehyde dehydrogenase (NADP+) inhibitor	0,777	0,004
0,867	0,007	Pro-opiomelanocortin converting enzyme inhibitor	0,775	0,003
0,864	0,003	Amine dehydrogenase inhibitor	0,778	0,007
0,863	0,003	Urethanase inhibitor	0,771	0,002
0,862	0,002	Histidinol-phosphatase inhibitor	0,781	0,015
0,860	0,001	Gentisate 1,2-dioxygenase inhibitor	0,770	0,004
0,862	0,003	Xylan endo-1,3-beta-xylosidase inhibitor	0,785	0,020
0,859	0,002	2-Dehydropantolactone reductase (A-specific) inhibitor	0,777	0,012
0,859	0,001	Phenylpyruvate decarboxylase inhibitor	0,766	0,004
0,859	0,002	Beta-carotene 15,15'-monooxygenase inhibitor	0,763	0,005
0,858	0,003	1,4-Lactonase inhibitor	0,760	0,003
0,858	0,003	Cholestanetriol 26-monooxygenase inhibitor	0,765	0,007
0,858	0,002	Tpr proteinase (Porphyromonas gingivalis) inhibitor	0,764	0,006
0,859	0,003	Mitochondrial processing peptidase inhibitor	0,760	0,003
0,858	0,003	Phenol O-methyltransferase inhibitor	0,773	0,016
0,857	0,002	Uroporphyrinogen-III synthase inhibitor	0,759	0,003
0,858	0,003	Sarcosine oxidase inhibitor	0,793	0,038
0,856	0,002	Glyoxylate reductase inhibitor	0,756	0,002
0,854	0,003	Peptide-N4-(N-acetyl-beta-glucosaminy)asparagine amid	0,755	0,003

0,853	0,003	4-Nitrophenol 2-monooxygenase inhibitor	0,754	0,003
0,852	0,003	Anthranilate-CoA ligase inhibitor	0,754	0,004
0,852	0,003	Poly(beta-D-mannuronate) lyase inhibitor	0,751	0,003
0,849	0,001	2-Pyrocatechuate decarboxylase inhibitor	0,757	0,010
0,849	0,002	Mannan endo-1,4-beta-mannosidase inhibitor	0,752	0,006
0,849	0,002	6-Pyruvoyltetrahydropterin synthase inhibitor	0,749	0,004
0,849	0,002	4-Chlorophenylacetate 3,4-dioxygenase inhibitor	0,747	0,002
0,855	0,009	Antieczematic	0,747	0,003
0,850	0,004	Lysine 2,3-aminomutase inhibitor	0,749	0,005
0,849	0,005	Fragilysin inhibitor	0,748	0,008
0,846	0,002	Acylphosphatase inhibitor	0,744	0,004
0,846	0,002	Triacetate-lactonase inhibitor	0,744	0,004
0,846	0,002	6-Carboxyhexanoate-CoA ligase inhibitor	0,744	0,004
0,846	0,002	Homoaconitate hydratase inhibitor	0,744	0,005
0,846	0,002	Biotin-CoA ligase inhibitor	0,741	0,004
0,847	0,003	Fructose 5-dehydrogenase inhibitor	0,740	0,004
0,845	0,002	Glycerol dehydratase inhibitor	0,741	0,005
0,846	0,003	Transketolase inhibitor	0,741	0,009
0,846	0,003	Limulus clotting factor B inhibitor	0,735	0,003
0,843	0,003	Prostaglandin-A1 DELTA-isomerase inhibitor	0,738	0,007
0,842	0,002	Glutarate-semialdehyde dehydrogenase inhibitor	0,735	0,005
0,842	0,003	Pectate lyase inhibitor	0,734	0,005
0,840	0,002	2-Oxoglutarate decarboxylase inhibitor	0,736	0,008
0,840	0,002	D-xylulose reductase inhibitor	0,731	0,004
0,839	0,002	Gamma-butyrobetaine dioxygenase inhibitor	0,730	0,004
0,838	0,002	3-Hydroxy-4-oxoquinoline 2,4-dioxygenase inhibitor	0,729	0,004
0,838	0,002	Styrene-oxide isomerase inhibitor	0,729	0,004
0,838	0,002	Ornithine cyclodeaminase inhibitor	0,738	0,013
0,839	0,004	Levanase inhibitor	0,726	0,004
0,838	0,002	Aminocarboxymuconate-semialdehyde decarboxylase inh	0,748	0,026
0,837	0,002	Guanidinoacetase inhibitor	0,728	0,007
0,838	0,003	Hydrogen dehydrogenase inhibitor	0,725	0,005
0,838	0,003	Carnitinamidase inhibitor	0,723	0,005
0,837	0,002	4-Hydroxyglutamate transaminase inhibitor	0,725	0,006
0,836	0,002	Mannitol-1-phosphatase inhibitor	0,724	0,006
0,835	0,002	Salicylate 1-monooxygenase inhibitor	0,721	0,004
0,836	0,003	Preneoplastic conditions treatment	0,722	0,004
0,835	0,002	3-Carboxyethylcatechol 2,3-dioxygenase inhibitor	0,721	0,005
0,835	0,003	Leucolysin inhibitor	0,719	0,004
0,834	0,002	Vanillyl-alcohol oxidase inhibitor	0,717	0,002
0,836	0,004	Phospholipid-translocating ATPase inhibitor	0,720	0,005
0,834	0,002	Creatinine deaminase inhibitor	0,719	0,005
0,833	0,002	Gluconolactonase inhibitor	0,717	0,003
0,834	0,003	Nicotinate dehydrogenase inhibitor	0,747	0,032
0,830	0,001	Shikimate 5-dehydrogenase inhibitor	0,747	0,032
0,831	0,003	S-formylglutathione hydrolase inhibitor	0,747	0,032
0,830	0,002	Camphor 1,2-monooxygenase inhibitor	0,717	0,004

0,830	0,002	N-carbamoyl-L-amino-acid hydrolase inhibitor	0,717	0,004
0,830	0,003	Aryldialkylphosphatase inhibitor	0,717	0,004
0,830	0,003	Laccase inhibitor	0,717	0,004
0,849	0,024	CYP2C12 substrate	0,718	0,004
0,828	0,003	2-Haloacid dehalogenase (configuration-inverting) inhibitor	0,717	0,004
0,827	0,003	Opine dehydrogenase inhibitor	0,718	0,006
0,828	0,005	Antiinfective	0,716	0,004
0,826	0,002	CDP-4-dehydro-6-deoxyglucose reductase inhibitor	0,719	0,007
0,827	0,004	DNA-(apurinic or apyrimidinic site) lyase inhibitor	0,714	0,004
0,824	0,002	Mannan endo-1,6-alpha-mannosidase inhibitor	0,713	0,004
0,835	0,013	Antiseborrheic	0,713	0,006
0,824	0,002	D-alanine 2-hydroxymethyltransferase inhibitor	0,709	0,003
0,821	0,002	3-Oxadipate enol-lactonase inhibitor	0,707	0,003
0,821	0,003	Thymidylate 5'-phosphatase inhibitor	0,707	0,004
0,823	0,004	Fibrinolytic	0,704	0,002
0,822	0,004	Centromere associated protein inhibitor	0,706	0,004
0,819	0,002	3-Hydroxyphenylacetate 6-hydroxylase inhibitor	0,714	0,012
0,821	0,003	Catechol oxidase inhibitor	0,705	0,005
0,819	0,002	GABA C receptor agonist	0,702	0,003
0,817	0,002	Diiodophenylpyruvate reductase inhibitor	0,704	0,005
0,816	0,001	Glycerol-1-phosphatase inhibitor	0,706	0,007
0,814	0,002	Glycerol dehydrogenase (NADP+) inhibitor	0,704	0,009
0,814	0,002	Glycerol 2-dehydrogenase (NADP+) inhibitor	0,703	0,008
0,813	0,002	N-acetyl-gamma-glutamyl-phosphate reductase inhibitor	0,700	0,005
0,814	0,003	Phenylacetate-CoA ligase inhibitor	0,701	0,008
0,814	0,003	(R)-6-hydroxynicotine oxidase inhibitor	0,701	0,009
0,814	0,003	(R)-Pantolactone dehydrogenase (flavin) inhibitor	0,700	0,007
0,814	0,003	Bothrolysin inhibitor	0,704	0,012
0,812	0,001	Astringent	0,696	0,004
0,812	0,002	N-hydroxy-2-acetamidofluorene reductase inhibitor	0,696	0,004
0,812	0,002	Benzaldehyde dehydrogenase (NADP+) inhibitor	0,693	0,002
0,812	0,002	Trans-pentaprenyltranstransferase inhibitor	0,704	0,015
0,811	0,002	Trans-2-enoyl-CoA reductase (NAD+) inhibitor	0,712	0,024
0,811	0,002	Pyruvate dehydrogenase (cytochrome) inhibitor	0,693	0,005
0,811	0,004	Histidine N-acetyltransferase inhibitor	0,691	0,004
0,811	0,004	D-lactaldehyde dehydrogenase inhibitor	0,690	0,003
0,815	0,008	Membrane permeability inhibitor	0,692	0,005
0,809	0,003	Inulinase inhibitor	0,690	0,003
0,809	0,003	Alkenylglycerophosphoethanolamine hydrolase inhibitor	0,688	0,003
0,809	0,003	4-Phytase inhibitor	0,688	0,004
0,808	0,002	Glycolate dehydrogenase inhibitor	0,728	0,044
0,807	0,004	Aryl-acylamidase inhibitor	0,704	0,022
0,804	0,003	Glycopeptide alpha-N-acetylgalactosaminidase inhibitor	0,704	0,022
0,803	0,003	Acetyloronithine deacetylase inhibitor	0,686	0,004
0,814	0,015	Mucomembranous protector	0,685	0,004
0,803	0,004	P-benzoquinone reductase (NADPH) inhibitor	0,682	0,002
0,801	0,002	Lysine 6-dehydrogenase inhibitor	0,687	0,007

0,801	0,002	3-Hydroxybutyryl-CoA dehydrogenase inhibitor	0,684	0,004
0,801	0,002	2,4-Diaminopentanoate dehydrogenase inhibitor	0,683	0,003
0,801	0,002	tRNA nucleotidyltransferase inhibitor	0,682	0,004
0,801	0,002	Pantoate 4-dehydrogenase inhibitor	0,686	0,009
0,801	0,002	Aspartyl aminopeptidase inhibitor	0,684	0,007
0,801	0,003	4-Hydroxyphenylacetate 3-monooxygenase inhibitor	0,684	0,007
0,797	0,002	Nicotine dehydrogenase inhibitor	0,679	0,003
0,798	0,004	Phosphoinositide 5-phosphatase inhibitor	0,686	0,009
0,796	0,002	Quinoprotein glucose dehydrogenase inhibitor	0,678	0,003
0,795	0,003	Polygalacturonase inhibitor	0,681	0,005
0,793	0,003	N-Acyl-D-amino-acid deacylase inhibitor	0,735	0,060
0,794	0,003	Cyclomaltoextrinase inhibitor	0,679	0,004
0,793	0,003	L-threonine 3-dehydrogenase inhibitor	0,678	0,003
0,790	0,002	Phenol 2-monooxygenase inhibitor	0,677	0,004
0,788	0,001	3,4-Dihydroxy-9,10-secoandrosta-1,3,5(10)-triene-9,17-diol	0,678	0,004
0,789	0,002	Cystathionine beta-synthase inhibitor	0,677	0,005
0,805	0,020	CYP2J substrate	0,674	0,003
0,795	0,010	Lysase inhibitor	0,674	0,003
0,798	0,014	Mucositis treatment	0,673	0,005
0,787	0,004	Phosphatidylglycerophosphatase inhibitor	0,672	0,004
0,785	0,004	Isopenicillin-N epimerase inhibitor	0,673	0,004
0,785	0,004	Sulfite dehydrogenase inhibitor	0,672	0,004
0,784	0,003	Phenylalanine(histidine) transaminase inhibitor	0,672	0,004
0,783	0,002	Methylaspartate ammonia-lyase inhibitor	0,671	0,004
0,784	0,003	Nitrilase inhibitor	0,672	0,005
0,783	0,003	Arylsulfatase inhibitor	0,671	0,004
0,784	0,003	Nitrite reductase [NAD(P)H] inhibitor	0,671	0,004
0,782	0,002	Diphosphomevalonate decarboxylase inhibitor	0,671	0,004
0,780	0,002	3-Demethylubiquinone-9 3-O-methyltransferase inhibitor	0,669	0,003
0,781	0,003	Hydroxylamine reductase (NADH) inhibitor	0,670	0,004
0,782	0,005	Methylumbelliferyl-acetate deacetylase inhibitor	0,673	0,010
0,786	0,009	JAK2 expression inhibitor	0,667	0,005
0,779	0,003	Protein-Npi-phosphohistidine-sugar phosphotransferase inhibitor	0,664	0,006
0,779	0,004	Kidney function stimulant	0,661	0,003
0,789	0,014	Beta-adrenergic receptor kinase inhibitor	0,661	0,003
0,789	0,014	G-protein-coupled receptor kinase inhibitor	0,662	0,005
0,778	0,004	APOA1 expression enhancer	0,663	0,006
0,776	0,003	2,3-Dihydroxyindole 2,3-dioxygenase inhibitor	0,661	0,005
0,780	0,007	Linoleate diol synthase inhibitor	0,662	0,007
0,774	0,002	Ferredoxin-nitrite reductase inhibitor	0,656	0,002
0,774	0,002	Hippurate hydrolase inhibitor	0,657	0,003
0,774	0,002	Beta-amylase inhibitor	0,658	0,004
0,779	0,009	Carboxypeptidase Taq inhibitor	0,656	0,003
0,771	0,002	Carboxylate reductase inhibitor	0,656	0,004
0,785	0,016	Glycosylphosphatidylinositol phospholipase D inhibitor	0,656	0,004
0,779	0,011	Prostaglandin-E2 9-reductase inhibitor	0,656	0,004
0,774	0,006	Lipoprotein lipase inhibitor	0,661	0,009

0,769	0,002	D-amino-acid dehydrogenase inhibitor	0,655	0,003
0,782	0,016	CYP2J2 substrate	0,659	0,010
0,767	0,001	Quinate 5-dehydrogenase inhibitor	0,654	0,004
0,768	0,002	Succinate-semialdehyde dehydrogenase [NAD(P)+] inhibitor	0,652	0,003
0,768	0,003	Peptide-tryptophan 2,3-dioxygenase inhibitor	0,653	0,004
0,766	0,003	Chitosanase inhibitor	0,653	0,006
0,766	0,003	Pyruvate dehydrogenase (lipoamide) inhibitor	0,696	0,052
0,765	0,002	Aminomuconate-semialdehyde dehydrogenase inhibitor	0,646	0,003
0,765	0,003	2-Enoate reductase inhibitor	0,652	0,009
0,764	0,002	Phosphoglycerate mutase inhibitor	0,665	0,024
0,762	0,002	2,4-Dichlorophenol 6-monooxygenase inhibitor	0,647	0,005
0,763	0,003	Licheninase inhibitor	0,645	0,005
0,762	0,003	Dimethylmaleate hydratase inhibitor	0,642	0,004
0,761	0,002	Glucan endo-1,3-alpha-glucosidase inhibitor	0,640	0,001
0,762	0,003	Arylesterase inhibitor	0,643	0,005
0,759	0,002	Chloramphenicol O-acetyltransferase inhibitor	0,646	0,007
0,761	0,007	Manganese peroxidase inhibitor	0,643	0,006
0,755	0,001	Orotate reductase (NADPH) inhibitor	0,650	0,013
0,754	0,002	4-Hydroxybenzoate 3-monooxygenase inhibitor	0,636	0,003
0,754	0,001	3,4-Dihydroxyphenylacetate 2,3-dioxygenase inhibitor	0,636	0,003
0,754	0,003	H+-exporting ATPase inhibitor	0,641	0,008
0,753	0,003	Cyanoalanine nitrilase inhibitor	0,637	0,004
0,752	0,002	3-Aminobutyryl-CoA ammonia-lyase inhibitor	0,637	0,005
0,758	0,008	Phthalate 4,5-dioxygenase inhibitor	0,635	0,003
0,760	0,011	Complement factor D inhibitor	0,636	0,005
0,751	0,002	L-iduronidase inhibitor	0,641	0,010
0,751	0,003	Myosin ATPase inhibitor	0,641	0,011
0,751	0,003	Alpha-N-acetylglucosaminidase inhibitor	0,634	0,005
0,750	0,002	L-amino-acid oxidase inhibitor	0,640	0,010
0,751	0,004	Beta-mannosidase inhibitor	0,647	0,018
0,750	0,003	Glutaminase inhibitor	0,636	0,010
0,750	0,003	Thiosulfate dehydrogenase inhibitor	0,634	0,008
0,748	0,002	Glutamate decarboxylase inhibitor	0,629	0,003
0,748	0,003	Plasmanylethanolamine desaturase inhibitor	0,627	0,004
0,748	0,004	Alcohol dehydrogenase (NADP+) inhibitor	0,628	0,005
0,752	0,008	Glycerol-ether monooxygenase inhibitor	0,626	0,003
0,747	0,003	Benzoylformate decarboxylase inhibitor	0,649	0,028
0,748	0,005	Insulysin inhibitor	0,635	0,016
0,770	0,027	Saccharopepsin inhibitor	0,643	0,025
0,770	0,027	Chymosin inhibitor	0,661	0,043
0,770	0,027	Acrocyllindropepsin inhibitor	0,619	0,003
0,743	0,002	Cyclamate sulfohydrolase inhibitor	0,621	0,005
0,743	0,003	Acetate kinase inhibitor	0,620	0,005
0,743	0,004	Leukotriene-B4 20-monooxygenase inhibitor	0,626	0,011
0,741	0,003	Gly-X carboxypeptidase inhibitor	4 0,619	0,005
0,779	0,041	Phobic disorders treatment	0,621	0,008
0,741	0,004	Biotinidase inhibitor	0,616	0,003

0,740	0,005	X-methyl-His dipeptidase inhibitor	0,615	0,004
0,739	0,004	N-hydroxyarylamine O-acetyltransferase inhibitor	0,658	0,047
0,737	0,002	Leucine dehydrogenase inhibitor	0,615	0,004
0,737	0,002	Vomilenine glucosyltransferase inhibitor	0,614	0,004
0,737	0,004	Coccolysin inhibitor	0,630	0,020
0,734	0,003	4-Coumarate-CoA ligase inhibitor	0,627	0,018
0,733	0,003	Phenylalanine 4-hydroxylase inhibitor	0,616	0,007
0,735	0,005	Butyrate-CoA ligase inhibitor	0,610	0,003
0,733	0,003	Nicotinamidase inhibitor	5 0,627	0,021
0,733	0,004	Procollagen N-endopeptidase inhibitor	0,611	0,007
0,731	0,002	Dopachrome isomerase inhibitor	0,608	0,005
0,730	0,003	Carnosine synthase inhibitor	0,607	0,005
0,732	0,005	HMOX1 expression enhancer	0,605	0,004
0,736	0,010	Pitrilysin inhibitor	0,604	0,004
0,728	0,003	2,2-Dialkylglycine decarboxylase (pyruvate) inhibitor	0,606	0,005
0,730	0,005	UGT1A6 substrate	0,617	0,018
0,727	0,003	Cyclopentanone monooxygenase inhibitor	0,605	0,006
0,726	0,002	Urease inhibitor	0,618	0,019
0,730	0,006	Ecdysone 20-monooxygenase inhibitor	0,614	0,015
0,727	0,004	Rubredoxin-NAD+ reductase inhibitor	0,600	0,002
0,725	0,002	Lombricine kinase inhibitor	0,605	0,010
0,741	0,018	Protein-glutamate methylesterase inhibitor	0,607	0,013
0,725	0,002	Dihydroxy-acid dehydratase inhibitor	0,597	0,003
0,744	0,022	Nicotinic alpha6beta3beta4alpha5 receptor antagonist	0,600	0,006
0,727	0,007	Lysostaphin inhibitor	0,603	0,010
0,723	0,002	3-Cyanoalanine hydratase inhibitor	0,597	0,005
0,724	0,004	UGT2B1 substrate	0,596	0,004
0,721	0,003	Aryl-alcohol dehydrogenase inhibitor	0,595	0,003
0,718	0,001	4,5-Dihydroxyphthalate decarboxylase inhibitor	0,593	0,004
0,733	0,016	Alkylacetylgllycerophosphatase inhibitor	0,593	0,004
0,720	0,003	1-Alkylglycerophosphocholine O-acetyltransferase inhibitor	0,598	0,009
0,737	0,021	Acylcarnitine hydrolase inhibitor	0,591	0,004
0,719	0,004	N-(long-chain-acyl)ethanolamine deacylase inhibitor	0,594	0,007
0,719	0,004	Malate dehydrogenase (acceptor) inhibitor	0,588	0,003
0,717	0,003	DNA-3-methyladenine glycosylase I inhibitor	0,587	0,003
0,718	0,005	Cyclohexanone monooxygenase inhibitor	0,587	0,004
0,715	0,003	Porphobilinogen synthase inhibitor	0,596	0,014
0,715	0,003	Gallate decarboxylase inhibitor	0,587	0,005
0,713	0,002	Protocatechuate 3,4-dioxygenase inhibitor	0,591	0,008
0,713	0,003	Indoleacetaldoxime dehydratase inhibitor	0,586	0,003
0,710	0,002	Acyl-lysine deacylase inhibitor	0,614	0,033
0,709	0,006	Aspartyltransferase inhibitor	0,596	0,015
0,717	0,013	Oxidoreductase inhibitor	0,584	0,006
0,707	0,004	Aldehyde dehydrogenase (NADP+) inhibitor	0,592	0,014
0,706	0,005	Cytochrome-b5 reductase inhibitor	0,581	0,003
0,703	0,002	Glutathione dehydrogenase (ascorbate) inhibitor	0,589	0,013
0,708	0,008	UGT1A9 substrate	0,586	0,010

0,702	0,003	Alanine transaminase inhibitor	0,580	0,004
0,701	0,002	(S)-3-hydroxyacid ester dehydrogenase inhibitor	0,581	0,005
0,699	0,001	4-Hydroxybenzoate decarboxylase inhibitor	0,595	0,019
0,700	0,002	Prephenate dehydrogenase inhibitor	0,579	0,004
0,700	0,003	Sphinganine-1-phosphate aldolase inhibitor	0,577	0,004
0,700	0,003	Glucuronate isomerase inhibitor	0,576	0,003
0,718	0,023	TP53 expression enhancer	0,588	0,015
0,700	0,005	Erythropoiesis stimulant	0,580	0,008
0,697	0,002	Alcohol dehydrogenase [NAD(P)+] inhibitor	0,576	0,004
0,700	0,006	Cathepsin T inhibitor	0,589	0,018
0,711	0,018	Pseudolysin inhibitor	0,582	0,011
0,696	0,003	Hydroxylamine reductase inhibitor	0,575	0,005
0,696	0,003	Galactose oxidase inhibitor	0,604	0,035
0,712	0,019	HIF1A expression inhibitor	0,574	0,006
0,694	0,002	Allantoinase inhibitor	0,572	0,005
0,706	0,014	UDP-glucuronosyltransferase substrate	0,569	0,004
0,696	0,005	Glucan 1,4-alpha-maltotetrahydrolase inhibitor	0,571	0,006
0,694	0,004	Penicillin amidase inhibitor	0,580	0,017
0,694	0,005	CYP2C8 inhibitor	0,570	0,008
0,693	0,003	Mannose isomerase inhibitor	0,568	0,007
0,689	0,001	Protocatechuate 4,5-dioxygenase inhibitor	0,602	0,042
0,694	0,007	3-Phytase inhibitor	0,573	0,015
0,691	0,006	Steroid N-acetylglucosaminyltransferase inhibitor	0,562	0,004
0,689	0,004	Monophenol monooxygenase inhibitor	0,567	0,012
0,689	0,005	Alanine-tRNA ligase inhibitor	0,574	0,021
0,685	0,001	Phenylacetaldehyde dehydrogenase inhibitor	0,555	0,002
0,690	0,009	Trimethylamine-oxide aldolase inhibitor	0,556	0,003
0,685	0,004	Pyruvate dehydrogenase inhibitor	0,560	0,009
0,683	0,003	Glucan 1,6-alpha-glucosidase inhibitor	0,560	0,008
0,687	0,006	Arylmalonate decarboxylase inhibitor	0,552	0,003
0,692	0,012	Thioredoxin inhibitor	0,553	0,004
0,681	0,003	Trimethylamine-N-oxide reductase inhibitor	0,572	0,023
0,680	0,003	Keratolytic	0,560	0,012
0,680	0,003	Pseudouridylate synthase inhibitor	6 0,559	0,012
0,680	0,003	Thiopurine S-methyltransferase inhibitor	0,553	0,009
0,677	0,002	Glucan 1,4-beta-glucosidase inhibitor	0,553	0,009
0,676	0,002	Aryl sulfotransferase inhibitor	0,547	0,004
0,677	0,003	O-aminophenol oxidase inhibitor	0,609	0,067
0,682	0,008	N-formylmethionyl-peptidase inhibitor	0,553	0,012
0,679	0,006	Pyroglutamyl-peptidase II inhibitor	0,551	0,010
0,708	0,034	CYP2H substrate	0,544	0,004
0,677	0,004	Clavamate synthase inhibitor	0,583	0,043
0,680	0,007	Cytoprotectant	0,553	0,013
0,674	0,002	Aconitate decarboxylase inhibitor	0,567	0,028
0,676	0,005	Ethanolamine-phosphate cytidyltransferase inhibitor	0,550	0,012
0,673	0,003	Glycerol-3-phosphate dehydrogenase inhibitor	0,561	0,024
0,672	0,003	Serine 3-dehydrogenase inhibitor	0,554	0,017

0,670	0,002	Acetylenecarboxylate hydratase inhibitor	0,541	0,004
0,686	0,018	Venombin AB inhibitor	0,541	0,005
0,669	0,002	D-2-hydroxy-acid dehydrogenase inhibitor	0,546	0,012
0,676	0,010	Adenomatous polyposis treatment	0,550	0,016
0,671	0,005	Glyoxylate reductase (NADP+) inhibitor	0,553	0,019
0,665	0,002	Prepilin peptidase inhibitor	0,539	0,005
0,665	0,002	Haloacetate dehalogenase inhibitor	0,534	0,003
0,667	0,004	Sulfur dioxygenase inhibitor	0,535	0,006
0,667	0,005	Phosphatidylcholine-sterol O-acyltransferase inhibitor	0,566	0,037
0,665	0,003	Nitrile hydratase inhibitor	0,545	0,017
0,662	0,001	4-Hydroxybenzoate 1-hydroxylase inhibitor	0,533	0,006
0,664	0,003	Oxalate oxidase inhibitor	0,538	0,011
0,663	0,003	Mandelate 4-monooxygenase inhibitor	0,532	0,006
0,669	0,011	Cholesterol antagonist	0,536	0,010
0,675	0,017	Macrophage colony stimulating factor agonist	0,530	0,005
0,658	0,002	Alpha-glucuronidase inhibitor	0,554	0,029
0,680	0,025	Ompin inhibitor	0,536	0,012
0,660	0,005	D-threo-aldose 1-dehydrogenase inhibitor	0,546	0,022
0,671	0,017	Cl--transporting ATPase inhibitor	0,528	0,004
0,656	0,002	Iodide peroxidase inhibitor	0,527	0,003
0,658	0,005	Horrilysin inhibitor	0,547	0,023
0,655	0,002	Ribitol 2-dehydrogenase inhibitor	0,547	0,024
0,656	0,003	Acetoin dehydrogenase inhibitor	0,531	0,008
0,654	0,002	L-galactonolactone oxidase inhibitor	0,538	0,016
0,653	0,002	Diisopropyl-fluorophosphatase inhibitor	0,543	0,021
0,661	0,011	Antihypoxic	0,528	0,007
0,654	0,006	Histamine release inhibitor	0,546	0,024
0,702	0,055	Gluconate 2-dehydrogenase (acceptor) inhibitor	0,551	0,029
0,649	0,002	Carboxymethylenebutenolidase inhibitor	0,593	0,071
0,659	0,012	Glucan 1,4-alpha-maltotriohydrolase inhibitor	0,525	0,004
0,651	0,004	Mediator release inhibitor	0,548	0,029
0,650	0,003	(R,R)-butanediol dehydrogenase inhibitor	0,543	0,024
0,654	0,009	Antiviral (Influenza)	0,574	0,056
0,649	0,004	Arylformamidase inhibitor	0,532	0,014
0,648	0,003	Indolepyruvate C-methyltransferase inhibitor	0,526	0,009
0,652	0,007	Hydroxylamine oxidase inhibitor	0,520	0,003
0,648	0,003	Formate-dihydrofolate ligase inhibitor	0,520	0,004
0,671	0,027	GST A substrate	0,539	0,024
0,647	0,003	Valine dehydrogenase (NADP+) inhibitor	0,528	0,013
0,650	0,005	Methanol dehydrogenase inhibitor	0,529	0,015
0,646	0,003	Cytochrome-c3 hydrogenase inhibitor	0,520	0,006
0,646	0,003	Hydroxymethylbilane synthase inhibitor	0,528	0,017
0,648	0,005	4-Hydroxybenzoate nonaprenyltransferase inhibitor	0,514	0,004
0,644	0,004	Ferredoxin hydrogenase inhibitor	0,519	0,009
0,645	0,005	Nitrate reductase inhibitor	0,517	0,007
0,639	0,002	4-Hydroxybenzoate-CoA ligase inhibitor	0,514	0,005
0,641	0,003	N-Carbamoyl-D-amino acid hydrolase inhibitor	0,516	0,007

0,640	0,003	Antiinflammatory, intestinal	0,554	0,045
0,639	0,002	D-lactate dehydrogenase (cytochrome) inhibitor	0,519	0,011
0,662	0,026	Protein-disulfide reductase (glutathione) inhibitor	0,517	0,009
0,639	0,003	Creatinase inhibitor	0,513	0,005
0,636	0,003	N-methyl-2-oxoglutaramate hydrolase inhibitor	0,512	0,005
0,636	0,003	Tryptophan transaminase inhibitor	0,525	0,019
0,634	0,002	Isoquinoline 1-oxidoreductase inhibitor	0,528	0,023
0,636	0,005	Thromboxane B2 antagonist	0,511	0,005
0,639	0,008	Choline-phosphate cytidyltransferase inhibitor	0,540	0,035
0,641	0,010	Eye irritation, inactive	0,549	0,044
0,637	0,006	Adenylyl-sulfate reductase inhibitor	0,512	0,007
0,643	0,013	Alopecia treatment	0,518	0,013
0,632	0,003	15-Hydroxyprostaglandin-D dehydrogenase (NADP+) inhib	0,508	0,004
0,633	0,004	Cyclic AMP agonist	0,509	0,005
0,631	0,003	NAD+ synthase (glutamine-hydrolysing) inhibitor	7 0,538	0,034
0,645	0,016	Lipid metabolism regulator	0,525	0,022
0,632	0,003	Alpha-N-arabinofuranosidase inhibitor	0,568	0,064
0,632	0,004	2,3,4,5-Tetrahydropyridine-2,6-dicarboxylate N-succinyltr:	0,512	0,009
0,662	0,034	Nicotinic alpha2beta2 receptor antagonist	0,505	0,003
0,633	0,006	Venom exonuclease inhibitor	0,511	0,009
0,637	0,011	MAP kinase stimulant	0,506	0,005
0,628	0,003	Ferrochelataze inhibitor	0,547	0,048
0,628	0,003	L-3-cyanoalanine synthase inhibitor	0,507	0,009
0,632	0,007	Acylaminoacyl-peptidase inhibitor	0,515	0,017
0,632	0,007	Tetrahydroxynaphthalene reductase inhibitor	0,512	0,016
0,629	0,005	Glucose 1-dehydrogenase inhibitor	0,523	0,027
0,625	0,002	Cysteine-S-conjugate beta-lyase inhibitor	0,506	0,010
0,627	0,004	Dihydrodipicolinate reductase inhibitor	0,520	0,025
0,625	0,005	Malate oxidase inhibitor	0,498	0,004
0,623	0,003	4-Alpha-glucanotransferase inhibitor	0,514	0,020
0,627	0,007	Di-trans,poly-cis-decaprenylcistransferase inhibitor	0,498	0,004
0,622	0,003	Succinate-semialdehyde dehydrogenase inhibitor	0,497	0,005
0,621	0,002	L-ascorbate peroxidase inhibitor	0,515	0,023
0,640	0,022	Peptidyl-dipeptidase Dcp inhibitor	0,494	0,004
0,626	0,007	GABA aminotransferase inhibitor	0,499	0,009
0,623	0,005	2-Hydroxy-3-oxoadipate synthase inhibitor	0,512	0,022
0,627	0,010	Phosphatidate phosphatase inhibitor	0,495	0,005
0,621	0,004	Loop diuretic	0,535	0,046
0,627	0,010	Alcohol O-acetyltransferase inhibitor	0,494	0,005
0,623	0,007	Platelet adhesion inhibitor	0,528	0,039
0,623	0,008	Nitrite reductase (NO-forming) inhibitor	0,504	0,016
0,621	0,006	Carboxypeptidase D inhibitor	0,491	0,004
0,625	0,010	Beta glucuronidase inhibitor	0,490	0,002
0,618	0,004	Histone acetyltransferase inhibitor	0,491	0,004
0,643	0,029	Phosphatase inhibitor	0,519	0,033
0,633	0,021	Fucosterol-epoxide lyase inhibitor	0,495	0,009
0,616	0,004	Acid phosphatase inhibitor	0,505	0,019

0,632	0,021	Muramoyltetrapeptide carboxypeptidase inhibitor	0,495	0,009
0,618	0,008	Aspergillus nuclease S1 inhibitor	0,496	0,011
0,612	0,002	Protein-glucosylgalactosylhydroxylysine glucosidase inhibitor	0,494	0,009
0,615	0,005	Glycerol dehydrogenase inhibitor	0,495	0,010
0,614	0,004	Lactate 2-monooxygenase inhibitor	0,489	0,005
0,616	0,006	Phosphopantothenoilcysteine decarboxylase inhibitor	0,494	0,010
0,618	0,009	Shikimate O-hydroxycinnamoyltransferase inhibitor	0,486	0,002
0,611	0,002	DOPA decarboxylase inhibitor	0,488	0,005
0,620	0,011	Chitinase inhibitor	0,507	0,024
0,611	0,003	Aspartate-tRNA ligase inhibitor	0,497	0,015
0,612	0,004	Ubiquitin thiolesterase inhibitor	0,488	0,006
0,609	0,001	Phenylalanine decarboxylase inhibitor	0,491	0,011
0,610	0,003	Aspartoacylase inhibitor	0,483	0,004
0,657	0,050	Polyporopepsin inhibitor	0,481	0,004
0,609	0,003	Aldehyde ferredoxin oxidoreductase inhibitor	0,486	0,009
0,620	0,014	Radioprotector	0,487	0,009
0,618	0,013	UGT1A substrate	0,483	0,006
0,615	0,010	5 Hydroxytryptamine release inhibitor	0,485	0,008
0,607	0,002	Homogentisate 1,2-dioxygenase inhibitor	0,481	0,005
0,608	0,002	Mandelate racemase inhibitor	0,481	0,005
0,608	0,003	Valine decarboxylase inhibitor	0,479	0,004
0,608	0,004	Antiuremic	0,488	0,012
0,614	0,011	Reductant	0,486	0,012
0,605	0,003	Endo-1,4-beta-xylanase inhibitor	0,477	0,003
0,605	0,004	Trimethylamine dehydrogenase inhibitor	0,477	0,003
0,604	0,003	Tyrosine-ester sulfotransferase inhibitor	0,480	0,007
0,605	0,004	Glucosamine-6-phosphate deaminase inhibitor	0,509	0,036
0,605	0,005	Acaricide	0,475	0,002
0,614	0,014	MMP9 expression inhibitor	0,490	0,018
0,612	0,013	Cardiovascular analeptic	0,492	0,021
0,605	0,006	Gingipain K inhibitor	0,493	0,023
0,617	0,019	Oxygen scavenger	0,479	0,008
0,601	0,003	N-acetyllactosamine synthase inhibitor	0,481	0,011
0,601	0,003	Deoxyribose-phosphate aldolase inhibitor	0,474	0,004
0,599	0,002	Deoxyribonuclease (pyrimidine dimer) inhibitor	0,494	0,024
0,602	0,005	Aminoacylase inhibitor	0,479	0,009
0,598	0,002	Erythro-3-hydroxyaspartate ammonia-lyase inhibitor	0,507	0,038
0,601	0,004	Guanidinoacetate N-methyltransferase inhibitor	0,474	0,005
0,611	0,016	Fibrolase inhibitor	0,472	0,004
0,600	0,005	FMO1 substrate	0,477	0,009
0,597	0,003	Fumarate reductase (NADH) inhibitor	0,474	0,007
0,612	0,020	Calcium channel (voltage-sensitive) activator	0,509	0,042
0,595	0,005	4-Chlorobenzoyl-CoA dehalogenase inhibitor	0,482	0,015
0,597	0,006	Snopalysin inhibitor	0,489	0,022
0,594	0,004	Glutamate-tRNA ligase inhibitor	0,470	0,004
0,591	0,003	Bile-salt sulfotransferase inhibitor	0,469	0,003
0,591	0,003	Phosphoenolpyruvate carboxykinase (diphosphate) inhibitor	0,475	0,010

0,591	0,003	Xaa-Pro dipeptidyl-peptidase inhibitor	0,524	0,060	
0,591	0,004	Glycine amidinotransferase inhibitor	0,515	0,052	
0,591	0,005	Guanidinoacetate kinase inhibitor	0,467	0,003	
3	0,597	0,010	Antimutagenic	0,471	0,009
0,588	0,001	Deoxyhypusine monooxygenase inhibitor	0,467	0,004	
0,593	0,007	Meprin B inhibitor	0,467	0,005	
0,604	0,018	Nucleotide metabolism regulator	0,466	0,005	
0,588	0,004	Galacturan 1,4-alpha-galacturonidase inhibitor	0,475	0,014	
0,587	0,003	Iduronate-2-sulfatase inhibitor	0,475	0,014	
0,602	0,019	Nucleoside oxidase (H2O2-forming) inhibitor	0,473	0,013	
0,597	0,013	AR expression inhibitor	0,475	0,016	
0,602	0,019	NAD(P)+-arginine ADP-ribosyltransferase inhibitor	0,527	0,068	
0,589	0,006	Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase inhibitor	0,462	0,004	
0,587	0,005	Linoleoyl-CoA desaturase inhibitor	0,483	0,025	
0,585	0,003	Glutamate-1-semialdehyde 2,1-aminomutase inhibitor	0,487	0,029	
0,586	0,005	Sedoheptulose-bisphosphatase inhibitor	0,467	0,009	
0,585	0,003	Orotate reductase (NADH) inhibitor	0,476	0,019	
0,585	0,005	4-Hydroxymandelate oxidase inhibitor	0,465	0,008	
0,589	0,010	Histamine release stimulant	0,509	0,052	
0,582	0,003	N-acetylneuraminase lyase inhibitor	0,461	0,005	
0,580	0,002	2-Oxoisovalerate dehydrogenase (acylating) inhibitor	0,464	0,008	
0,588	0,010	UGT2B12 substrate	0,506	0,051	
0,592	0,014	CYP2A4 substrate	0,485	0,030	
0,583	0,006	Ferredoxin-NADP+ reductase inhibitor	0,487	0,032	
0,592	0,015	IgA-specific metalloendopeptidase inhibitor	0,503	0,049	
0,579	0,003	Farnesyltransferase inhibitor	0,464	0,010	
0,581	0,005	Catalase inhibitor	0,461	0,008	
0,579	0,004	Metalloprotease D inhibitor	0,460	0,007	
0,599	0,025	Platelet aggregation stimulant	0,476	0,024	
0,576	0,002	D-cysteine desulfhydrase inhibitor	0,460	0,008	
0,609	0,036	Antidyskinetic	0,466	0,014	
0,580	0,008	Glutathione peroxidase inhibitor	0,460	0,009	
0,575	0,003	Deacetoxycephalosporin-C synthase inhibitor	0,486	0,035	
0,576	0,004	Antimyopathies	0,453	0,003	
0,577	0,006	3'-Nucleotidase inhibitor	0,457	0,007	
0,574	0,003	Thiamine pyridinylase inhibitor	0,458	0,008	
0,576	0,005	Formate dehydrogenase inhibitor	0,454	0,004	
0,573	0,003	Choline dehydrogenase inhibitor	0,489	0,040	
0,575	0,005	Gamma-glutamyltransferase inhibitor	0,453	0,004	
0,573	0,004	Carboxylesterase inhibitor	0,463	0,014	
0,571	0,002	Guanidinodeoxy-scyllo-inositol-4-phosphatase inhibitor	0,459	0,011	
0,571	0,002	Imidazoleacetate 4-monooxygenase inhibitor	0,482	0,034	
0,575	0,006	Indanol dehydrogenase inhibitor	0,455	0,008	
0,572	0,003	Acetolactate decarboxylase inhibitor	0,461	0,015	
0,575	0,009	UGT1A1 substrate	0,461	0,015	
0,568	0,003	3-Oxosteroid 1-dehydrogenase inhibitor	0,454	0,009	
0,568	0,003	Oxaloacetate decarboxylase inhibitor	0,509	0,065	

0,566	0,002	Pyridoxine 5-dehydrogenase inhibitor	0,446	0,003
0,569	0,005	Phosphoenolpyruvate mutase inhibitor	0,450	0,008
0,569	0,005	Acylglycerone-phosphate reductase inhibitor	0,454	0,013
4 0,570	0,007	Free radical scavenger	0,447	0,006
0,563	0,002	Pyridoxine 4-oxidase inhibitor	0,443	0,003
0,566	0,005	Para amino benzoic acid antagonist	0,451	0,011
0,568	0,008	Antipyretic	0,498	0,058
0,562	0,003	Alkylglycerophosphoethanolamine phosphodiesterase inh	0,447	0,009
0,582	0,023	Antiviral (Picornavirus)	0,499	0,061
0,565	0,007	CDP-diacylglycerol-serine O-phosphatidyltransferase inhib	0,446	0,009
0,574	0,016	Sulfur reductase inhibitor	0,451	0,014
0,571	0,014	Antipsoriatic	0,441	0,004
0,563	0,005	Inorganic diphosphatase inhibitor	0,468	0,032
0,561	0,004	Cellulase inhibitor	0,439	0,004
0,560	0,002	Carnitine dehydratase inhibitor	0,472	0,036
0,560	0,003	Asparagine-tRNA ligase inhibitor	0,466	0,032
0,560	0,003	Formaldehyde dehydrogenase inhibitor	0,437	0,003
0,559	0,002	Gluconate dehydratase inhibitor	0,452	0,018
0,564	0,007	Malate dehydrogenase inhibitor	0,437	0,003
0,568	0,011	Peptidoglycan glycosyltransferase inhibitor	0,437	0,004
0,558	0,002	Aldehyde dehydrogenase [NAD(P)+] inhibitor	0,463	0,031
0,565	0,010	UGT2B substrate	0,476	0,044
0,575	0,020	(S)-6-hydroxynicotine oxidase inhibitor	0,467	0,035
0,562	0,008	Alpha-Methylacyl-CoA racemase inhibitor	0,434	0,003
0,576	0,023	Leukopoiesis stimulant	0,435	0,004
0,555	0,003	D-lactate dehydrogenase inhibitor	0,444	0,014
0,576	0,024	Endopeptidase So inhibitor	0,436	0,007
0,574	0,022	Radiosensitizer	0,434	0,005
0,554	0,002	L-lactate dehydrogenase (cytochrome) inhibitor	0,435	0,006
0,557	0,006	Endo-1,3(4)-beta-glucanase inhibitor	0,464	0,036
0,554	0,003	Alpha-pinene-oxide decyclase inhibitor	0,497	0,069
0,566	0,015	Thiol oxidase inhibitor	0,466	0,039
0,554	0,003	Xylose isomerase inhibitor	0,432	0,006
0,554	0,004	Glycogen synthase stimulant	0,433	0,008
0,557	0,007	Choline kinase inhibitor	0,426	0,002
0,554	0,005	Morphine 6-dehydrogenase inhibitor	0,470	0,045
0,554	0,006	Phosphoenolpyruvate-protein phosphotransferase inhibiti	0,458	0,034
0,567	0,018	Insulin promoter	0,443	0,018
0,555	0,008	Mitochondrial intermediate peptidase inhibitor	0,430	0,005
0,549	0,002	L-fuconate dehydratase inhibitor	0,427	0,003
0,553	0,007	Inositol oxygenase inhibitor	0,431	0,006
0,548	0,003	Cerebroside-sulfatase inhibitor	0,428	0,004
0,548	0,003	Carnitine 3-dehydrogenase inhibitor	0,463	0,040
0,550	0,005	RELA expression inhibitor	0,443	0,021
0,552	0,007	CDP-diacylglycerol-glycerol-3-phosphate 3-phosphatidyltr	0,472	0,050
0,546	0,002	5-Oxoprolinase (ATP-hydrolysing) inhibitor	0,426	0,004
0,545	0,002	Selectin L antagonist	0,435	0,013

	0,546	0,004	Omega-amidase inhibitor	0,431	0,010
5	0,554	0,012	Lipid peroxidase inhibitor	0,435	0,014
	0,560	0,018	TNF expression inhibitor	0,442	0,021
	0,563	0,021	CYP2D16 substrate	0,427	0,006
	0,549	0,007	ATP phosphoribosyltransferase inhibitor	0,441	0,021
	0,550	0,008	GST M substrate	0,434	0,015
	0,556	0,014	5 Hydroxytryptamine uptake stimulant	0,438	0,019
	0,552	0,011	1-Acylglycerol-3-phosphate O-acyltransferase inhibitor	0,424	0,004
	0,544	0,003	Retinal dehydrogenase inhibitor	0,427	0,008
	0,545	0,005	Leukotriene-C4 synthase inhibitor	0,457	0,039
	0,550	0,010	3'-Demethylstaurosporine O-methyltransferase inhibitor	0,423	0,004
	0,565	0,025	Vasoprotector	0,426	0,008
	0,549	0,010	Undecaprenyldiphospho-muramoylpentapeptide beta-N- ϵ	0,426	0,008
	0,548	0,009	Anti-amyloidogenic	0,427	0,010
	0,550	0,012	CYP4A11 substrate	0,423	0,007
	0,539	0,002	Malonate-semialdehyde dehydrogenase inhibitor	0,442	0,026
	0,541	0,004	Prunasin beta-glucosidase inhibitor	0,437	0,022
	0,545	0,009	Diamine N-acetyltransferase inhibitor	0,433	0,018
	0,539	0,003	Glucan 1,3-beta-glucosidase inhibitor	0,419	0,004
	0,540	0,004	TRPA1 agonist	0,460	0,046
	0,538	0,003	HIV-1 integrase (3'-Processing) inhibitor	0,455	0,041
	0,537	0,003	Blasticidin-S deaminase inhibitor	0,439	0,026
	0,537	0,004	[acyl-carrier-protein] S-acetyltransferase inhibitor	0,428	0,015
	0,541	0,008	Gamma-D-Glutamyl-meso-diaminopimelate peptidase inh	0,421	0,009
	0,538	0,005	Glutamate dehydrogenase [NAD(P)+] inhibitor	0,415	0,003
	0,565	0,033	Chloride peroxidase inhibitor	0,450	0,039
6	0,562	0,031	Apoptosis agonist	0,416	0,005
	0,532	0,002	DNA-3-methyladenine glycosylase II inhibitor	0,415	0,004
	0,543	0,013	Acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N- ϵ	0,417	0,007
	0,532	0,003	Diaminopimelate dehydrogenase inhibitor	0,450	0,041
	0,531	0,003	Xylan 1,4-beta-xylosidase inhibitor	0,411	0,002
	0,532	0,004	Choline-sulfatase inhibitor	0,412	0,003
	0,530	0,003	1,5-Anhydro-D-fructose reductase inhibitor	0,414	0,005
	0,534	0,007	Choleretic	0,417	0,008
	0,542	0,016	Apyrase inhibitor	0,412	0,004
	0,530	0,004	Glutamate 5-kinase inhibitor	0,432	0,024
	0,528	0,003	Lactaldehyde reductase (NADPH) inhibitor	0,415	0,008
	0,559	0,034	27-Hydroxycholesterol 7alpha-monooxygenase inhibitor	0,412	0,004
	0,527	0,003	Glutamin-(asparagin-)ase inhibitor	0,412	0,005
	0,546	0,023	Dermatologic	0,413	0,006
	0,538	0,016	Dolichyl-diphosphooligosaccharide-protein glycotransfera	0,420	0,013
	0,526	0,004	Undecaprenyl-diphosphatase inhibitor	0,431	0,024
	0,523	0,002	Dichloromuconate cycloisomerase inhibitor	0,417	0,010
	0,524	0,003	Saccharopine dehydrogenase (NADP+, L-glutamate-formir	0,439	0,033
	0,521	0,001	Tannase inhibitor	0,439	0,033
	0,527	0,007	CYP19A1 expression inhibitor	0,409	0,003
	0,522	0,002	Leucine transaminase inhibitor	0,410	0,004

0,539	0,019	Antinociceptive	0,413	0,007	
0,542	0,022	CYP2F1 substrate	0,458	0,053	
0,524	0,005	Sweetener	0,407	0,003	
0,548	0,029	Pin1 inhibitor	0,420	0,016	
0,527	0,008	Aminopeptidase Y inhibitor	0,429	0,026	
0,522	0,005	Alpha-amylase inhibitor	0,407	0,004	
0,522	0,005	Antiviral (Adenovirus)	0,452	0,050	
0,520	0,003	3-Isopropylmalate dehydrogenase inhibitor	0,448	0,045	
0,524	0,008	CYP2A5 substrate	0,407	0,005	
0,525	0,009	Glycerol-3-phosphate oxidase inhibitor	0,408	0,006	
0,520	0,005	tRNA adenylyltransferase inhibitor	0,410	0,008	
0,518	0,003	(S)-3-amino-2-methylpropionate transaminase inhibitor	0,409	0,007	
0,519	0,005	N-acetylneuraminate 4-O-acetyltransferase inhibitor	0,421	0,019	
7	0,520	0,006	Antioxidant	0,411	0,010
0,517	0,003	Iron-cytochrome-c reductase inhibitor	0,439	0,038	
0,517	0,003	Tauropine dehydrogenase inhibitor	0,410	0,011	
0,517	0,004	Aryl-aldehyde dehydrogenase (NADP+) inhibitor	0,432	0,033	
0,514	0,002	Haloalkane dehalogenase inhibitor	0,409	0,011	
0,538	0,026	Antipruritic, allergic	0,415	0,018	
0,513	0,003	Galactose 1-dehydrogenase (NADP+) inhibitor	0,418	0,021	
0,513	0,003	Beta-alanine-pyruvate transaminase inhibitor	0,429	0,032	
0,514	0,004	Sulfate adenylyltransferase (ADP) inhibitor	0,402	0,005	
0,557	0,047	Proteasome ATPase inhibitor	0,406	0,010	
0,524	0,015	Leukopoiesis inhibitor	0,433	0,038	
8	0,543	0,035	Membrane integrity antagonist	0,398	0,003
0,515	0,007	Acetate-CoA ligase inhibitor	0,428	0,033	
0,516	0,008	Glycine-tRNA ligase inhibitor	0,411	0,017	
0,512	0,005	Rhodotorulapepsin inhibitor	0,414	0,020	
0,521	0,014	Muscular dystrophy treatment	0,449	0,056	
0,510	0,004	Phosphoinositide phospholipase C inhibitor	0,433	0,040	
0,509	0,004	NADPH oxidase inhibitor	0,400	0,007	
0,515	0,011	Sorbitol-6-phosphate 2-dehydrogenase inhibitor	0,398	0,006	
0,512	0,008	UGT1A10 substrate	0,402	0,010	
0,548	0,044	Antiinflammatory	0,405	0,013	
0,536	0,032	CYP2C9 substrate	0,400	0,008	
0,507	0,003	Pim-1 kinase inhibitor	0,397	0,005	
0,505	0,002	Diiodotyrosine transaminase inhibitor	0,397	0,005	
0,530	0,027	Analeptic	8 0,403	0,012	
0,505	0,003	Glycine transaminase inhibitor	0,394	0,004	
0,505	0,003	Glutathione-disulfide reductase inhibitor	0,441	0,050	
0,505	0,003	Propanediol dehydratase inhibitor	0,400	0,009	
0,505	0,004	Indole-3-acetaldehyde reductase (NADPH) inhibitor	0,446	0,056	
0,507	0,006	UGT1A7 substrate	0,407	0,018	
0,506	0,005	NF-E2-related factor 2 stimulant	0,436	0,046	
0,530	0,030	Neurotransmitter antagonist	0,408	0,019	
0,504	0,004	Diaminopropionate ammonia-lyase inhibitor	0,391	0,002	
0,519	0,020	Antihypercholesterolemic	0,394	0,006	

0,502	0,003	Serine-glyoxylate transaminase inhibitor	0,422	0,034
0,499	0,002	Glucosamine-1-phosphate N-acetyltransferase inhibitor	0,396	0,008
0,500	0,004	Cystathionine gamma-lyase inhibitor	0,394	0,006
0,501	0,006	Laminaribiose phosphorylase inhibitor	0,394	0,008
0,501	0,006	DNA ligase (ATP) inhibitor	0,392	0,006
0,501	0,006	Arylamine N-acetyltransferase inhibitor	0,391	0,005
0,534	0,040	Ovulation inhibitor	0,400	0,014
0,505	0,011	Glycine dehydrogenase (decarboxylating) inhibitor	0,427	0,041
0,500	0,006	Galactokinase inhibitor	0,425	0,039
0,522	0,029	CYP2B5 substrate	0,399	0,014
0,495	0,002	Sorbose dehydrogenase inhibitor	0,409	0,024
0,516	0,023	Cytostatic	0,389	0,004
0,496	0,004	Testosterone 17beta-dehydrogenase inhibitor	0,394	0,009
0,495	0,003	Glucarate dehydratase inhibitor	0,392	0,007
0,513	0,022	Plastoquinol-plastocyanin reductase inhibitor	0,413	0,029
0,510	0,020	Alcohol dehydrogenase (acceptor) inhibitor	0,426	0,042
0,492	0,002	Lactaldehyde dehydrogenase inhibitor	0,402	0,019
0,501	0,011	EIF4E expression inhibitor	0,403	0,020
0,491	0,002	3-Hydroxyacyl-CoA dehydrogenase inhibitor	0,418	0,035
0,489	0,002	Aspartate racemase inhibitor	0,395	0,012
0,513	0,026	Histidine kinase inhibitor	0,431	0,049
0,496	0,010	Vitamin-K-epoxide reductase (warfarin-insensitive) inhibitor	0,385	0,003
0,490	0,004	Histidine decarboxylase inhibitor	0,385	0,003
0,488	0,003	Cysteine desulfurase inhibitor	0,396	0,015
0,504	0,020	Hepatoprotectant	0,387	0,007
0,494	0,010	RNA-directed RNA polymerase inhibitor	0,436	0,057
0,502	0,019	CYP2E1 inducer	0,384	0,006
0,485	0,004	Thiamine-phosphate kinase inhibitor	0,395	0,016
0,520	0,039	CYP2C substrate	0,383	0,005
0,520	0,040	Vasodilator, peripheral	0,382	0,005
0,491	0,011	Ethanolaminophosphotransferase inhibitor	0,404	0,027
0,509	0,030	CYP2A6 substrate	0,379	0,003
0,496	0,016	Membrane permeability enhancer	0,389	0,012
0,485	0,006	Maillard reaction inhibitor	0,379	0,003
0,481	0,003	Xanthine oxidase inhibitor	0,382	0,006
0,507	0,029	All-trans-retinyl-palmitate hydrolase inhibitor	0,393	0,017
0,490	0,012	CYP4A substrate	0,381	0,006
0,479	0,002	Muconate cycloisomerase inhibitor	0,380	0,005
0,482	0,005	Betaine-aldehyde dehydrogenase inhibitor	0,386	0,011
0,504	0,029	Antithrombotic	0,389	0,014
0,480	0,005	Thiosulfate sulfurtransferase inhibitor	0,381	0,007
0,531	0,056	Acetylcholine neuromuscular blocking agent	0,381	0,007
0,493	0,019	Carminative	0,400	0,026
0,476	0,002	6,7-Dihydropteridine reductase inhibitor	0,379	0,005
0,479	0,005	Hyaluronic acid agonist	0,384	0,011
0,477	0,003	Histidinol dehydrogenase inhibitor	0,377	0,004
0,484	0,011	Mannosyl-glycoprotein endo-beta-N-acetylglucosaminidase	0,378	0,005

0,492	0,019	Caspase 8 stimulant	0,377	0,004
0,505	0,032	Fibroblast growth factor agonist	0,389	0,017
0,485	0,014	Antituberculosic	0,399	0,028
0,473	0,002	Mannonate dehydratase inhibitor	0,375	0,004
0,474	0,004	Cellulose 1,4-beta-cellobiosidase inhibitor	0,382	0,011
0,502	0,032	CYP2A substrate	0,378	0,008
0,489	0,020	2-Haloacid dehalogenase inhibitor	0,380	0,011
0,472	0,005	Antidote	0,382	0,013
0,471	0,005	Serine-phosphoethanolamine synthase inhibitor	0,393	0,025
0,502	0,036	CYP2B6 substrate	0,372	0,003
0,469	0,004	3-Deoxy-8-phosphooctulonate synthase inhibitor	0,382	0,014
0,469	0,004	Glyceraldehyde-3-phosphate dehydrogenase (phosphoryl:	0,376	0,008
0,489	0,024	Pancreatic elastase inhibitor	0,379	0,011
0,470	0,006	Tyrosine 3 hydroxylase inhibitor	0,378	0,011
0,467	0,003	Isoamylase inhibitor	0,395	0,028
0,471	0,008	Formaldehyde dehydrogenase (glutathione) inhibitor	0,375	0,008
0,466	0,003	Proline dehydrogenase inhibitor	0,371	0,005
0,465	0,003	Quinoline-4-carboxylate 2-oxidoreductase inhibitor	0,411	0,045
0,467	0,005	Thyroxine 5-deiodinase inhibitor	0,369	0,003
0,467	0,007	Hemostatic	0,463	0,098
0,473	0,013	Dipeptidase E inhibitor	0,388	0,023
0,463	0,003	Triose-phosphate isomerase inhibitor	0,369	0,004
0,483	0,024	Enteropeptidase inhibitor	0,369	0,005
0,465	0,006	1,2-alpha-L-fucosidase inhibitor	0,395	0,031
0,468	0,010	Pediculicide	0,373	0,010
0,461	0,004	Malate-CoA ligase inhibitor	0,376	0,012
0,460	0,003	Aspartate-ammonia ligase (ADP-forming) inhibitor	0,425	0,063
0,467	0,010	Bisphosphoglycerate mutase inhibitor	0,389	0,026
0,467	0,009	Diuretic inhibitor	0,381	0,019
0,470	0,013	Acidifying agent non gastric	0,441	0,079
0,460	0,003	Sepiapterin reductase inhibitor	0,374	0,012
0,468	0,012	Serine-pyruvate transaminase inhibitor	0,383	0,022
0,468	0,013	Cardioprotectant	0,376	0,015
0,462	0,008	Serratia marcescens nuclease inhibitor	0,375	0,015
0,493	0,040	CYP3A5 substrate	0,398	0,039
0,455	0,003	Allophanate hydrolase inhibitor	0,365	0,005
0,453	0,001	Cyclohexadienyl dehydrogenase inhibitor	0,385	0,026
0,455	0,004	Aspartate transaminase inhibitor	0,377	0,017
0,462	0,012	Dolichyl-phosphatase inhibitor	0,364	0,005
0,490	0,040	Respiratory analeptic	0,363	0,005
0,453	0,003	Dihydropyrimidinase inhibitor	0,362	0,004
0,458	0,009	Glycogen (starch) synthase inhibitor	0,384	0,026
0,455	0,005	Phenylalanine racemase (ATP-hydrolysing) inhibitor	0,400	0,042
0,452	0,003	Fumarylacetoacetase inhibitor	0,372	0,014
0,454	0,006	Saccharopine dehydrogenase (NAD+, L-lysine-forming) inh	0,365	0,007
0,454	0,006	Succinate-CoA ligase (ADP-forming) inhibitor	0,363	0,005
0,451	0,004	Magnesium-protoporphyrin IX methyltransferase inhibitor	0,376	0,020

0,448	0,002	D-arabinonolactone oxidase inhibitor	0,376	0,020
0,454	0,008	Methylenetetrahydrofolate dehydrogenase (NADP+) inhib	0,370	0,015
0,465	0,019	Pyroglutamyl-peptidase I inhibitor	0,363	0,008
0,450	0,004	D-glutamate oxidase inhibitor	0,406	0,051
0,461	0,015	Antiprotozoal (Amoeba)	0,367	0,012
0,459	0,013	Peroxidase substrate	0,367	0,013
0,449	0,005	UDP-glucose-hexose-1-phosphate uridylyltransferase inhi	0,364	0,011
0,446	0,001	4-Hydroxybenzoate 3-monooxygenase [NAD(P)H] inhibito	0,356	0,003
0,475	0,032	Renal tissue kallikrein inhibitor	0,356	0,005
0,449	0,005	Isovaleryl-CoA dehydrogenase inhibitor	0,363	0,014
0,447	0,004	Glutamine-tRNA ligase inhibitor	0,352	0,003
0,446	0,003	4-Hydroxy-2-oxoglutarate aldolase inhibitor	0,356	0,006
0,476	0,034	IgA-specific serine endopeptidase inhibitor	0,360	0,010
0,476	0,034	Antiviral (Rhinovirus)	0,353	0,004
0,445	0,004	Guanidinobutyrase inhibitor	0,351	0,003
0,449	0,008	X-Pro dipeptidase inhibitor	0,389	0,041
0,443	0,002	6-Methylsalicylate decarboxylase inhibitor	0,351	0,004
0,473	0,033	Cyclic AMP phosphodiesterase inhibitor	0,388	0,040
0,443	0,002	Orcinol 2-monooxygenase inhibitor	0,367	0,020
0,451	0,011	Acyl-CoA hydrolase inhibitor	0,352	0,005
0,451	0,011	Palmitoyl-CoA hydrolase inhibitor	0,351	0,004
0,445	0,005	N4-(beta-N-acetylglucosaminyl)-L-asparaginase inhibitor	0,393	0,046
0,443	0,005	Alanine dehydrogenase inhibitor	0,362	0,016
0,441	0,004	Alpha-L-rhamnosidase inhibitor	0,353	0,007
0,445	0,009	Adenylyl-sulfate kinase inhibitor	0,352	0,007
0,479	0,043	CYP2C8 substrate	0,443	0,099
0,443	0,007	Gametolysin inhibitor	0,352	0,009
0,442	0,007	Aldehyde dehydrogenase (NAD+) inhibitor	0,353	0,010
0,441	0,006	Inositol-polyphosphate 5-phosphatase inhibitor	0,351	0,009
0,449	0,014	Oxidizing agent	0,349	0,009
0,438	0,004	Cysteine synthase inhibitor	0,389	0,049
0,438	0,003	Retinol O-fatty-acyltransferase inhibitor	0,345	0,004
0,458	0,024	Cutinase inhibitor	0,374	0,034
0,437	0,003	HIV-1 integrase (Strand Transfer) inhibitor	0,359	0,020
0,438	0,004	Propionate-CoA ligase inhibitor	0,354	0,015
0,436	0,002	ATP deaminase inhibitor	0,353	0,015
0,510	0,077	Acute neurologic disorders treatment	0,368	0,029
0,437	0,005	Isocitrate dehydrogenase (NADP+) inhibitor	0,419	0,081
0,449	0,016	Alkylglycerone-phosphate synthase inhibitor	0,426	0,088
0,434	0,002	3-Dehydroquinone synthase inhibitor	0,347	0,009
0,434	0,002	Fructuronate reductase inhibitor	0,366	0,029
0,434	0,002	Tagaturonate reductase inhibitor	0,355	0,019
0,446	0,014	UGT1A4 substrate	0,343	0,007
0,438	0,006	Peptidylamidoglycolate lyase inhibitor	0,430	0,094
0,441	0,009	Poly(3-hydroxybutyrate) depolymerase inhibitor	0,345	0,009
0,437	0,006	Tryptophan 2,3-dioxygenase inhibitor	0,345	0,009
0,434	0,004	Anthranilate phosphoribosyltransferase inhibitor	0,364	0,028

0,434	0,004	Phosphoglycolate phosphatase inhibitor	0,398	0,064
0,437	0,007	Aldehyde dehydrogenase inhibitor	0,340	0,006
0,434	0,005	Proline racemase inhibitor	0,360	0,027
0,433	0,004	Glutamate (mGluR5) agonist	0,346	0,012
0,440	0,011	FMO3 substrate	0,337	0,004
0,430	0,003	D-stereospecific aminopeptidase inhibitor	0,342	0,010
0,430	0,003	HIV-1 integrase inhibitor	0,346	0,013
0,434	0,007	Aureolysin inhibitor	0,359	0,026
0,430	0,003	Agaritine gamma-glutamyltransferase inhibitor	0,352	0,020
0,433	0,007	Cyclopropane-fatty-acyl-phospholipid synthase inhibitor	0,378	0,047
0,431	0,005	Ribonucleoside triphosphate reductase inhibitor	0,377	0,046
0,444	0,018	CYP1A inducer	0,334	0,003
0,430	0,004	Oxoglutarate dehydrogenase (lipoamide) inhibitor	0,365	0,035
0,458	0,033	Sigma receptor agonist	0,333	0,004
0,443	0,018	4-Nitrophenylphosphatase inhibitor	0,341	0,013
0,427	0,002	2-Dehydro-3-deoxy-L-arabinonate dehydratase inhibitor	0,331	0,004
0,438	0,014	Serum-glucocorticoid regulated kinase 1 inhibitor	0,333	0,006
0,426	0,002	Chorismate mutase inhibitor	0,331	0,005
0,428	0,005	Alkaline phosphatase inhibitor	0,346	0,021
0,437	0,014	Opioid kappa 3 receptor antagonist	0,468	0,143
0,430	0,006	ATP adenylyltransferase inhibitor	0,354	0,030
0,435	0,012	UGT1A8 substrate	0,353	0,030
0,424	0,003	Choloylglycine hydrolase inhibitor	0,327	0,006
0,454	0,032	Simian immunodeficiency virus proteinase inhibitor	0,334	0,013
0,428	0,007	Sterol 3-beta-glucosyltransferase inhibitor	0,327	0,006
0,430	0,010	Diacylglycerol cholinephosphotransferase inhibitor	0,328	0,007
0,458	0,039	CYP2C19 substrate	0,332	0,012
0,420	0,001	Stipitatonate decarboxylase inhibitor	0,380	0,061
0,461	0,043	Antipruritic	0,327	0,008
0,422	0,003	Aromatic-hydroxylamine O-acetyltransferase inhibitor	0,326	0,007
0,429	0,010	Phosphatidate cytidylyltransferase inhibitor	0,337	0,019
0,446	0,028	Anthelmintic (Nematodes)	0,356	0,038
0,435	0,017	Vanilloid 1 agonist	0,327	0,010
0,423	0,006	Coproporphyrinogen oxidase inhibitor	0,379	0,062
0,439	0,021	Retinoic acid metabolism inhibitor	0,336	0,020
0,425	0,009	Maltose-transporting ATPase inhibitor	0,332	0,017
0,495	0,078	CYP3A2 substrate	0,319	0,005
0,425	0,009	Pappalysin-1 inhibitor	0,318	0,004
0,420	0,004	(S)-2-hydroxy-acid oxidase inhibitor	0,325	0,011
0,429	0,014	Bontoxilysin inhibitor	0,321	0,008
0,420	0,005	Biphenyl-2,3-diol 1,2-dioxygenase inhibitor	0,322	0,010
0,427	0,012	CYP2C6 substrate	0,327	0,015
0,436	0,022	Skin irritation, inactive	0,326	0,014
0,422	0,007	Dopamine release stimulant	0,317	0,005
0,418	0,004	Gout treatment	0,365	0,053
0,422	0,008	Expectorant	0,323	0,011
0,420	0,006	Pyruvate carboxylase inhibitor	0,319	0,007

0,423	0,009	N6-methyl-lysine oxidase inhibitor	0,335	0,024
0,417	0,003	Oligo-1,6-glucosidase inhibitor	0,339	0,029
0,427	0,014	Sclerosant	0,322	0,012
0,416	0,003	(S)-carnitine 3-dehydrogenase inhibitor	0,322	0,012
0,436	0,023	CYP2E1 substrate	0,337	0,027
0,426	0,013	2-Acylglycerol O-acyltransferase inhibitor	0,319	0,010
0,416	0,005	Phosphoserine phosphatase inhibitor	0,366	0,058
0,415	0,004	Beta-D-fucosidase inhibitor	0,317	0,009
0,417	0,007	2-Oxoaldehyde dehydrogenase (NAD+) inhibitor	0,317	0,010
0,422	0,011	Quercetin 2,3-dioxygenase inhibitor	0,394	0,086
0,434	0,024	CYP2E substrate	0,335	0,028
0,414	0,004	Cell wall biosynthesis inhibitor	0,313	0,007
0,413	0,004	Glutamate N-acetyltransferase inhibitor	0,309	0,003
0,413	0,004	Glycine N-acyltransferase inhibitor	0,309	0,003
0,429	0,021	UGT2B4 substrate	0,312	0,007
0,412	0,004	Transcription factor NF kappa A inhibitor	0,332	0,028
0,438	0,029	Antiprotozoal (Trypanosoma)	0,311	0,006
0,416	0,008	NADH dehydrogenase inhibitor	0,318	0,013
0,429	0,021	CYP7 inhibitor	0,323	0,019
0,440	0,033	Menopausal disorders treatment	0,323	0,019
0,440	0,033	CYP2B substrate	0,315	0,012
0,416	0,010	Allantoate deiminase inhibitor	0,312	0,008
0,455	0,049	Octopamine antagonist	0,371	0,068
0,425	0,019	Protein-tyrosine sulfotransferase inhibitor	0,306	0,003
0,440	0,034	CYP2A2 substrate	0,331	0,028
0,409	0,003	Antifibrinolytic	0,370	0,068
0,410	0,006	Uric acid excretion stimulant	0,306	0,004
0,409	0,004	Thioredoxin reductase inhibitor	0,389	0,087
0,423	0,019	Acrosin inhibitor	0,377	0,075
0,412	0,008	Sulfate adenylyltransferase inhibitor	0,319	0,018
0,457	0,054	CYP2A1 substrate	0,331	0,030
0,432	0,029	CYP2C9 inducer	0,305	0,005
0,413	0,010	ICAM1 expression inhibitor	0,303	0,003
0,412	0,009	Cholesterol oxidase inhibitor	0,427	0,128
0,422	0,020	Myeloblastin inhibitor	0,326	0,027
0,411	0,009	FMN reductase inhibitor	0,304	0,005
0,407	0,005	Maleate isomerase inhibitor	0,303	0,004
0,406	0,004	Mevalonate kinase inhibitor	0,346	0,048
0,414	0,012	BRAF expression inhibitor	0,303	0,005
0,421	0,020	Chemoprotective	0,313	0,015
0,412	0,011	Lactose synthase inhibitor	0,324	0,026
0,403	0,002	2-Methylcitrate dehydratase inhibitor	0,303	0,005
0,432	0,032	Antimycobacterial	0,303	0,005
0,411	0,011	Acetylserotonin O-methyltransferase inhibitor	0,304	0,007
0,419	0,019	CYP2B11 substrate	0,318	0,022
0,404	0,004	Pyridoxal kinase inhibitor	0,304	0,008
0,414	0,015	UGT1A3 substrate	0,324	0,028

0,403	0,005	Acyl-CoA oxidase inhibitor	0,311	0,015
0,402	0,003	Deoxyribonuclease I inhibitor	0,366	0,070
0,442	0,044	Antisecretoric	0,317	0,022
0,404	0,006	Phenylalanine dehydrogenase inhibitor	0,316	0,021
0,403	0,005	Antihyperlipoproteinemic	0,321	0,026
0,444	0,047	CYP2A8 substrate	0,327	0,033
0,407	0,010	Glutathione synthase inhibitor	0,315	0,021
0,403	0,006	UDP-glucose 4-epimerase inhibitor	0,401	0,107
0,406	0,009	Calcium-sensing receptor agonist	0,335	0,042
0,415	0,019	Protein-arginine deiminase inhibitor	0,303	0,009
0,409	0,013	CYP2B10 substrate	0,333	0,040
0,410	0,014	UGT2B7 substrate	0,361	0,069
0,405	0,010	3-Chloro-D-alanine dehydrochlorinase inhibitor	0,308	0,016
0,405	0,010	CYP2C29 substrate	0,323	0,031
0,409	0,014	Phospholipase C inhibitor	0,319	0,028
0,399	0,006	Laxative	0,317	0,025
0,418	0,026	Antibacterial	0,346	0,056
0,397	0,004	Beta-ureidopropionase inhibitor	0,307	0,017
0,403	0,011	UGT2B28 substrate	0,303	0,014
0,414	0,023	Yeast ribonuclease inhibitor	0,411	0,122
0,399	0,007	Methylglutamate dehydrogenase inhibitor	0,308	0,020
0,404	0,013	Antidiabetic symptomatic	0,311	0,023
0,393	0,003	4-Carboxymethyl-4-methylbutenolide mutase inhibitor	0,301	0,013
0,398	0,008	Antiperistaltic	0,353	0,066
0,456	0,066	CYP3A1 substrate	0,364	0,077
0,409	0,020	Oryzin inhibitor	0,378	0,095
0,396	0,006	Cerevisin inhibitor	0,307	0,026
0,392	0,003	D-Ornithine 4,5-aminomutase inhibitor	0,339	0,059
0,410	0,021	Chaperonin ATPase inhibitor	0,303	0,022
0,394	0,006	Choline sulfotransferase inhibitor	0,381	0,100
0,394	0,006	Protein phosphatase inhibitor	0,363	0,084
0,390	0,003	3-Deoxy-7-phosphoheptulonate synthase inhibitor	0,377	0,100
0,390	0,003	Creatine kinase inhibitor	0,317	0,040
0,451	0,064	Antineoplastic (non-Hodgkin's lymphoma)	0,302	0,028
0,400	0,014	Tripeptide aminopeptidase inhibitor	0,317	0,043
0,397	0,010	CTGF expression inhibitor	0,347	0,073
0,388	0,003	Selectin P antagonist	0,317	0,044
0,389	0,004	Thiol S-methyltransferase inhibitor	0,323	0,051
0,412	0,027	CYP2G1 substrate	0,302	0,030
0,406	0,022	Chemopreventive	0,315	0,044
0,387	0,003	Trimethyllysine dioxygenase inhibitor	0,323	0,052
0,391	0,008	NAD+ kinase inhibitor	0,308	0,037
0,405	0,022	Envelysin inhibitor	0,343	0,073
0,394	0,011	2-Dehydropantoate aldolase inhibitor	0,339	0,075
0,390	0,007	3-Hydroxyanthranilate oxidase inhibitor	0,337	0,074
0,385	0,002	Mycodextranase inhibitor	0,332	0,073
0,431	0,049	CYP2D15 substrate	0,333	0,075

0,384	0,002	Pyridoxamine-phosphate oxidase inhibitor	0,323	0,067
0,385	0,004	Gastritis treatment	0,400	0,143
0,389	0,007	tRNA cytidyltransferase inhibitor	0,307	0,051
0,385	0,004	Glutamate dehydrogenase (NADP+) inhibitor	0,325	0,074
0,386	0,006	NAD(P)+ transhydrogenase (B-specific) inhibitor	0,309	0,060
0,394	0,014	Dihydroorotase inhibitor	0,308	0,061
0,385	0,005	Tryptophan dimethylallyltransferase inhibitor	0,352	0,106
0,420	0,042	CYP3A4 inducer	0,306	0,061
0,398	0,021	Methane monooxygenase inhibitor	0,335	0,094
0,385	0,008	UGT2B9 substrate	0,315	0,077
0,380	0,003	Benzaldehyde dehydrogenase (NAD+) inhibitor	0,315	0,080
0,422	0,046	Vasodilator, coronary	0,303	0,073
0,378	0,003	Maleate hydratase inhibitor	0,334	0,104
0,378	0,003	Guanidinopropionase inhibitor	0,323	0,094
0,379	0,005	Sickle-cell anemia treatment	0,323	0,094
0,380	0,006	Procollagen glucosyltransferase inhibitor	0,312	0,088
0,381	0,007	Glutamate dehydrogenase inhibitor	0,314	0,113
0,417	0,044	Bilirubin oxidase inhibitor	0,363	0,189
0,377	0,003	Succinate dehydrogenase inhibitor	0,312	0,140
0,378	0,005	Skin whitener	0,307	0,137
0,421	0,048	Na+-transporting two-sector ATPase inhibitor	0,389	0,228
0,388	0,016	Thimet oligopeptidase inhibitor		
0,385	0,013	UGT2B15 substrate		
0,393	0,021	Polyneuridine-aldehyde esterase inhibitor		
0,378	0,006	tRNA (guanine-N1-)-methyltransferase inhibitor		
0,404	0,033	Antiviral (Herpes)		
0,385	0,014	Mcl-1 antagonist		
0,375	0,005	D-malate dehydrogenase (decarboxylating) inhibitor		
0,381	0,010	N-(5-amino-5-carboxypentanoyl)-L-cysteiny-L-valine synthase inhibitor		
0,377	0,007	Hydroxysteroid dehydrogenase inhibitor		
0,375	0,006	Protein-tyrosine phosphatase inhibitor		
0,373	0,005	Glutamate synthase (ferredoxin) inhibitor		
0,411	0,043	CYP3A inducer		
0,373	0,006	5-Formyltetrahydrofolate cyclo-ligase inhibitor		
0,372	0,005	Nicotinamide-nucleotide adenylyltransferase inhibitor		
0,371	0,004	Glucosamine 6-phosphate N-acetyltransferase inhibitor		
0,386	0,019	Prion diseases treatment		
0,413	0,046	Caspase 3 stimulant		
0,373	0,007	Amyloid beta aggregation inhibitor		
0,374	0,008	Peptidyl-dipeptidase B inhibitor		
0,370	0,005	Lysine 2-monooxygenase inhibitor		
0,370	0,004	2-Aminoadipate transaminase inhibitor		
0,370	0,005	Valine-tRNA ligase inhibitor		
0,411	0,046	Dementia treatment		
0,384	0,020	Alpha-1,6-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase inhibitor		
0,372	0,009	Dual specificity phosphatase inhibitor		
0,395	0,031	Anticarcinogenic		

0,381 0,017 Serralysin inhibitor
0,384 0,021 Clostripain inhibitor
0,364 0,002 4-Pyridoxolactonase inhibitor
0,368 0,005 Threonine ammonia-lyase inhibitor
0,370 0,008 Polynucleotide 5'-hydroxy-kinase inhibitor
0,381 0,020 CYP2A3 substrate
0,369 0,008 CYP19 inhibitor
0,382 0,022 NOS2 expression inhibitor
0,363 0,003 Serine-sulfate ammonia-lyase inhibitor
0,385 0,025 Hepatic disorders treatment
0,367 0,007 Adenosylmethionine-8-amino-7-oxononanoate transaminase inhibitor
0,372 0,013 Cholesterol synthesis inhibitor
0,412 0,053 CYP3A3 substrate
0,374 0,016 Photosensitizer
0,362 0,004 Isocitrate dehydrogenase (NAD+) inhibitor
0,387 0,029 Taurine-2-oxoglutarate transaminase inhibitor
0,366 0,009 Saluretic
0,373 0,016 Antiparkinsonian, tremor relieving
0,359 0,002 Altronate dehydratase inhibitor
0,362 0,006 Riboflavin phosphotransferase inhibitor
0,359 0,004 Allantoicase inhibitor
0,356 0,001 Orsellinate decarboxylase inhibitor
0,365 0,009 Glycerol-3-phosphate O-acyltransferase inhibitor
0,357 0,002 Transthyretin amyloid fibril formation inhibitor
0,358 0,003 Scyllo-inosamine-4-phosphate amidinotransferase inhibitor
0,393 0,038 Albendazole monooxygenase inhibitor
0,365 0,010 Cycloartenol synthase inhibitor
0,375 0,020 Dynein ATPase inhibitor
0,362 0,007 Aldehyde dehydrogenase 2 substrate
0,363 0,009 Antiviral (CMV)
0,362 0,007 Antispirochetal
0,366 0,011 Age-related macular degeneration treatment
0,356 0,002 Saccharopine dehydrogenase (NAD+, L-glutamate-forming) inhibitor
0,362 0,008 Excitatory amino acid transporter EAAC1 inhibitor
0,357 0,004 Phosphomevalonate kinase inhibitor
0,361 0,009 Adenylate kinase inhibitor
0,357 0,004 Phosphoribulokinase inhibitor
0,398 0,045 Aspergillopepsin I inhibitor
0,361 0,009 Cyclic AMP modulator
0,367 0,015 UGT2B17 substrate
0,357 0,006 3C-like protease (Human coronavirus) inhibitor
0,408 0,057 Lactase inhibitor
0,371 0,019 Antipruritic, non-allergic
0,375 0,024 Xenobiotic-transporting ATPase inhibitor
0,368 0,019 N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase inhibitor
0,374 0,024 Cancer associated disorders treatment
0,374 0,025 Flavin-containing monooxygenase substrate

0,356 0,007 Adrenergic, ophthalmic
0,367 0,018 Vascular (periferal) disease treatment
0,398 0,050 Antifungal
0,351 0,003 UDP-N-acetylglucosamine diphosphorylase inhibitor
0,353 0,004 Branched-chain-amino-acid transaminase inhibitor
0,352 0,005 UDP-glucuronate decarboxylase inhibitor
0,348 0,002 (S)-2-Methylmalate dehydratase inhibitor
0,356 0,010 Antihelminthic (Fasciola)
0,351 0,006 Glycerophosphocholine cholinephosphodiesterase inhibitor
0,354 0,009 Alkene monooxygenase inhibitor
0,444 0,100 Gastrin inhibitor
0,350 0,007 Adenine deaminase inhibitor
0,348 0,005 Severe acute respiratory syndrome treatment
0,372 0,029 PfA-M1 aminopeptidase inhibitor
0,347 0,005 O-acetylhomoserine aminocarboxypropyltransferase inhibitor
0,349 0,007 Homoserine dehydrogenase inhibitor
0,362 0,021 Antinephritic
0,380 0,040 Phosphatidylinositol diacylglycerol-lyase inhibitor
0,347 0,007 Pyrroline-5-carboxylate reductase inhibitor
0,349 0,010 Glycine hydroxymethyltransferase inhibitor
0,341 0,003 Cellobiose phosphorylase inhibitor
0,352 0,014 CYP4A2 substrate
0,346 0,009 Homocitrate synthase inhibitor
0,346 0,009 Alcohol dehydrogenase inhibitor
0,344 0,007 ATPase inhibitor
0,340 0,004 Anthranilate synthase inhibitor
0,361 0,025 Flavin-containing monooxygenase inhibitor
0,344 0,009 Urate-ribonucleotide phosphorylase inhibitor
0,339 0,004 Hepatocyte nuclear factor 4 alpha antagonist
0,339 0,004 Hepatocyte nuclear factor antagonist
0,338 0,004 Formyltetrahydrofolate dehydrogenase inhibitor
0,339 0,005 HIV-2 reverse transcriptase inhibitor
0,344 0,010 NAD(P)+ transhydrogenase (AB-specific) inhibitor
0,346 0,013 8-Amino-7-oxononanoate synthase inhibitor
0,377 0,045 Vasodilator
0,337 0,005 Isocitrate lyase inhibitor
0,366 0,034 DNA synthesis inhibitor
0,337 0,006 Fructose-2,6-bisphosphate 2-phosphatase inhibitor
0,388 0,057 Transcription factor NF kappa B stimulant
0,388 0,057 Transcription factor stimulant
0,340 0,008 Glycerol-3-phosphate dehydrogenase (NAD+) inhibitor
0,345 0,014 Ganglioside galactosyltransferase inhibitor
0,338 0,007 Phosphate acetyltransferase inhibitor
0,357 0,028 Sigma 1 receptor agonist
0,332 0,004 Chondroitin 6-sulfotransferase inhibitor
9 0,342 0,014 Apoptosis antagonist
0,355 0,027 Signal peptidase I inhibitor

0,388	0,061	Hypolipemic
0,337	0,010	Lipoxygenase substrate
0,364	0,037	Antialcoholic
0,330	0,004	Iron antagonist
0,343	0,017	Saccharolysin inhibitor
0,335	0,009	Proteasome endopeptidase complex inhibitor
0,334	0,008	Estrone sulfotransferase inhibitor
0,334	0,008	Mucolytic
0,342	0,017	Peptidyl-Lys metalloendopeptidase inhibitor
0,340	0,015	3-Methylbutanal reductase inhibitor
0,355	0,030	Endopeptidase La inhibitor
0,340	0,016	1,4-Alpha-glucan branching enzyme inhibitor
0,326	0,002	Lactate-malate transhydrogenase inhibitor
0,329	0,005	3-Hydroxybutyrate dehydrogenase inhibitor
0,326	0,003	4-Hydroxy-4-methyl-2-oxoglutarate aldolase inhibitor
0,344	0,021	Nucleoside-diphosphatase inhibitor
0,331	0,008	Trehalose-phosphatase inhibitor
0,330	0,008	Estradiol 17alpha-dehydrogenase inhibitor
0,347	0,026	Galactolipase inhibitor
0,327	0,006	Beta-fructofuranosidase inhibitor
0,324	0,004	Alanine carboxypeptidase inhibitor
0,323	0,003	Dihydrouracil oxidase inhibitor
0,324	0,004	Protein kinase A inhibitor
0,323	0,003	GABA transporter 3 inhibitor
0,386	0,067	Gonadotropin antagonist
0,362	0,043	Botulin neurotoxin A light chain inhibitor
0,327	0,010	Pectin lyase inhibitor
0,342	0,025	Antiviral
0,344	0,027	Nardilysin inhibitor
0,321	0,005	Asparaginase inhibitor
0,388	0,072	Kinase inhibitor
0,325	0,009	Interleukin 10 agonist
0,320	0,004	Uroporphyrinogen decarboxylase inhibitor
0,318	0,003	Deoxycytidine deaminase inhibitor
0,326	0,011	Ligase inhibitor
0,319	0,005	Cystathionine beta-lyase inhibitor
0,323	0,009	Topoisomerase II inhibitor
0,316	0,003	L-lysine oxidase inhibitor
0,317	0,004	Chelator
0,339	0,026	Adrenaline release stimulant
0,320	0,008	Phosphonoacetate hydrolase inhibitor
0,316	0,004	Pim kinase inhibitor
0,324	0,012	Tropinesterase inhibitor
0,316	0,004	UDP-N-acetylglucosamine 1-carboxyvinyltransferase inhibitor
0,328	0,017	Isopenicillin-N synthase inhibitor
0,315	0,005	SMN2 expression enhancer
0,318	0,009	3-Ketoalidoxylamine C-N-lyase inhibitor

0,333	0,023	Subtilisin inhibitor
0,317	0,009	Selenocysteine lyase inhibitor
0,313	0,005	Nitric oxide scavenger
0,323	0,016	D-Octopine dehydrogenase inhibitor
0,351	0,044	Skeletal muscle relaxant
0,309	0,002	Sulfinioalanine decarboxylase inhibitor
0,319	0,013	Penicillopepsin inhibitor
0,316	0,010	Beta-glucosidase inhibitor
0,309	0,004	Antirickettsial
0,320	0,015	Glutathione S-transferase substrate
0,308	0,004	Xanthine dehydrogenase inhibitor
0,312	0,007	Cytosine deaminase inhibitor
0,333	0,029	Steroid synthesis inhibitor
0,315	0,011	Acetoacetate decarboxylase inhibitor
0,339	0,035	Antitoxic
0,309	0,005	Diabetic nephropathy treatment
0,337	0,033	Non-steroidal antiinflammatory agent
0,307	0,003	Oxaloacetate tautomerase inhibitor
0,307	0,004	CYP4A1 substrate
0,366	0,063	CYP2C18 substrate
0,338	0,035	RNA synthesis inhibitor
0,312	0,009	Farnesoid X receptor antagonist
0,308	0,006	Xanthommatin reductase inhibitor
0,329	0,027	CYP2E1 inhibitor
0,304	0,004	Urocanate hydratase inhibitor
0,318	0,018	3-Isopropylmalate dehydratase inhibitor
0,316	0,016	Sulfotransferase substrate
0,308	0,009	Retinyl-palmitate esterase inhibitor
0,304	0,005	Homocysteine desulfhydrase inhibitor
0,304	0,005	tRNA (cytosine-5-)-methyltransferase inhibitor
0,305	0,006	1-Aminocyclopropane-1-carboxylate deaminase inhibitor
0,308	0,009	Alpha,alpha-trehalase inhibitor
0,352	0,054	Anesthetic general
0,303	0,005	Electrolyte absorption antagonist
0,302	0,005	Aromatic-amino-acid transaminase inhibitor
0,301	0,004	Galactoside O-acetyltransferase inhibitor
0,316	0,020	Glycine C-acetyltransferase inhibitor
0,353	0,058	Limulus clotting factor C inhibitor
0,304	0,009	Adenylylsulphatase inhibitor
0,303	0,008	Sucrose synthase inhibitor
0,308	0,014	X-His dipeptidase inhibitor
0,304	0,012	Lactoylglutathione lyase inhibitor
0,302	0,013	Methionine decarboxylase inhibitor
0,330	0,043	Antiinflammatory, ophthalmic
0,301	0,015	Peptidyl-glycinamidase inhibitor
0,306	0,020	Tentoxilysin inhibitor
0,322	0,037	Lysyl oxidase inhibitor

0,301 0,017 Cyclooxygenase substrate
0,361 0,078 Interleukin 2 agonist
0,325 0,042 Endothelial growth factor antagonist
0,345 0,063 Intermittent claudication treatment
0,324 0,041 Proliferative diseases treatment
0,305 0,022 Aminopeptidase B inhibitor
0,314 0,031 Picornain 3C inhibitor
0,376 0,094 Fibrinogen receptor antagonist
0,366 0,084 Diabetic neuropathy treatment
0,355 0,076 Cytochrome P450 stimulant
0,306 0,026 Anti-Helicobacter pylori
0,301 0,022 Amyloid beta precursor protein antagonist
0,352 0,075 P-glycoprotein substrate
0,345 0,069 CYP1A substrate
0,322 0,046 GST P substrate
0,332 0,058 HCV IRES inhibitor
0,322 0,048 DELTA14-sterol reductase inhibitor
0,323 0,049 Antiprotozoal (Coccidial)
0,310 0,037 Angiogenesis stimulant
0,305 0,032 Vascular dementia treatment
0,301 0,031 Lipotropic
0,369 0,099 CYP3A substrate
0,342 0,073 CYP1A2 substrate
0,322 0,054 CYP2C10 substrate
0,351 0,084 Immunosuppressant
0,316 0,049 Gestagen antagonist
0,311 0,045 Inotropic
0,329 0,063 Atherosclerosis treatment
0,335 0,070 CYP2D2 inhibitor
0,401 0,136 General pump inhibitor
0,311 0,047 Opioid dependency treatment
0,369 0,105 CYP3A4 substrate
0,336 0,074 Antiulcerative
0,361 0,103 Spasmolytic, urinary
0,302 0,046 5 Hydroxytryptamine 2B agonist
0,309 0,053 Antiparasitic
0,327 0,076 Spasmolytic
0,318 0,072 Immunostimulant
0,329 0,083 Antiprotozoal (Leishmania)
0,421 0,175 CDP-glycerol glycerophosphotransferase inhibitor
0,317 0,073 Antidiabetic
0,303 0,060 Monoamine uptake inhibitor
0,335 0,095 5 Hydroxytryptamine release stimulant
0,319 0,080 Myc inhibitor
0,301 0,063 Hematopoietic inhibitor
0,303 0,065 Antineurogenic pain
0,310 0,076 CYP3A7 substrate

0,303	0,071	CYP2C11 substrate
0,423	0,193	Nootropic
0,354	0,135	Mannotetraose 2-alpha-N-acetylglucosaminyltransferase inhibitor
0,302	0,114	CF transmembrane conductance regulator agonist
0,313	0,145	Antineoplastic
0,306	0,148	Chemosensitizer
0,315	0,257	Nicotinic alpha4beta4 receptor agonist
0,302	0,294	Antiischemic, cerebral

Activity	Chlorogenic Acid	
	Pa	Pi
Chlordecone reductase inhibitor	1 0,940	0,004
Aspulvinone dimethylallyltransferase inhibitor	0,920	0,001
Ubiquinol-cytochrome-c reductase inhibitor	0,865	0,004
4-Methoxybenzoate monooxygenase (O-demethyla	2 0,856	0,002
2-Hydroxyquinoline 8-monooxygenase inhibitor	3 0,855	0,003
Dehydro-L-gulonate decarboxylase inhibitor	0,846	0,004
Testosterone 17beta-dehydrogenase (NADP+) inhibitor	0,846	0,004
Taurine dehydrogenase inhibitor	0,833	0,003
Aldehyde oxidase inhibitor	0,826	0,010
Feruloyl esterase inhibitor	0,815	0,003
Catechol 1,2-dioxygenase inhibitor	0,808	0,017
Sugar-phosphatase inhibitor	4 0,785	0,004
NADPH-cytochrome-c2 reductase inhibitor	0,769	0,004
Glutathione thiolesterase inhibitor	0,778	0,014
Alkane 1-monooxygenase inhibitor	0,771	0,015
Arylacetonitrilase inhibitor	0,750	0,001
Methylenetetrahydrofolate reductase (NADPH) inhibitor	0,726	0,006
Ribulose-phosphate 3-epimerase inhibitor	0,752	0,034
Superoxide dismutase inhibitor	0,701	0,003
Arylsulfate sulfotransferase inhibitor	0,716	0,021
Glucan endo-1,6-beta-glucosidase inhibitor	0,716	0,021
UDP-N-acetylglucosamine 4-epimerase inhibitor	0,707	0,014
Fusarinine-C ornithinesterase inhibitor	0,700	0,017
Threonine aldolase inhibitor	0,690	0,019
Alkenylglycerophosphocholine hydrolase inhibitor	0,705	0,053
Preneoplastic conditions treatment	0,655	0,011
Fatty-acyl-CoA synthase inhibitor	0,680	0,037
Shikimate 5-dehydrogenase inhibitor	0,651	0,010
Spermidine dehydrogenase inhibitor	0,646	0,008
Antiseptic	0,640	0,007
N-acylmannosamine kinase inhibitor	0,665	0,033
Glutamyl endopeptidase II inhibitor	0,647	0,017
Nitrate reductase (cytochrome) inhibitor	0,632	0,002
Prolyl aminopeptidase inhibitor	0,628	0,001
5-O-(4-coumaroyl)-D-quinic 3'-monooxygenase inhibitor	0,638	0,014
Pullulanase inhibitor	0,680	0,057
Aspartate-phenylpyruvate transaminase inhibitor	0,658	0,037
Amine dehydrogenase inhibitor	0,622	0,009
Fructose 5-dehydrogenase inhibitor	0,621	0,016
4-Nitrophenol 2-monooxygenase inhibitor	0,668	0,066
Arginine 2-monooxygenase inhibitor	0,602	0,013
Monodehydroascorbate reductase (NADH) inhibitor	0,599	0,016
Beta-carotene 15,15'-monooxygenase inhibitor	0,590	0,007
Antieczematic	0,599	0,017

Aldehyde dehydrogenase (pyrroloquinoline-quinone) inhibitor	0,588	0,014
Peroxidase inhibitor	0,580	0,006
4-Hydroxyproline epimerase inhibitor	0,584	0,010
Anaphylatoxin receptor antagonist	0,584	0,014
Vanillyl-alcohol oxidase inhibitor	0,602	0,034
Corticosteroid side-chain-isomerase inhibitor	0,598	0,032
Cis-1,2-dihydro-1,2-dihydroxynaphthalene dehydrogenase inhibitor	0,589	0,028
Dextranase inhibitor	0,621	0,060
Bisphosphoglycerate phosphatase inhibitor	0,594	0,041
3-Hydroxybenzoate 6-monooxygenase inhibitor	0,566	0,014
Fibrinolytic	0,594	0,043
Creatininase inhibitor	0,592	0,047
JAK2 expression inhibitor	0,570	0,027
Sulfite reductase inhibitor	0,561	0,020
Phosphatidylcholine-retinol O-acyltransferase inhibitor	0,555	0,016
NADH kinase inhibitor	0,565	0,027
Pro-opiomelanocortin converting enzyme inhibitor	0,559	0,025
Gamma-guanidinobutyraldehyde dehydrogenase inhibitor	0,569	0,036
Aminobutyraldehyde dehydrogenase inhibitor	0,575	0,043
Nicotinate dehydrogenase inhibitor	0,577	0,046
Glucose oxidase inhibitor	0,542	0,012
Aminomuconate-semialdehyde dehydrogenase inhibitor	0,542	0,017
Antimutagenic	0,559	0,034
Peptide alpha-N-acetyltransferase inhibitor	0,528	0,004
Sphinganine kinase inhibitor	0,537	0,013
2-Hydroxyomuconate-semialdehyde hydrolase inhibitor	0,534	0,012
Aryl-alcohol dehydrogenase inhibitor	0,537	0,018
Glutamate-5-semialdehyde dehydrogenase inhibitor	0,537	0,023
Urethanase inhibitor	0,533	0,020
tRNA-pseudouridine synthase I inhibitor	0,576	0,066
2-Nitropropane dioxygenase inhibitor	0,524	0,018
Hyponitrite reductase inhibitor	0,524	0,018
Membrane integrity agonist	0,506	0,005
Electron-transferring-flavoprotein dehydrogenase inhibitor	0,504	0,003
Dimethylargininase inhibitor	0,519	0,020
Benzoate-CoA ligase inhibitor	0,581	0,083
Methylamine-glutamate N-methyltransferase inhibitor	0,529	0,033
Glutamine-phenylpyruvate transaminase inhibitor	0,519	0,025
Exoribonuclease II inhibitor	0,521	0,036
Phosphatidylserine decarboxylase inhibitor	0,486	0,005
Polyamine-transporting ATPase inhibitor	0,484	0,006
Gluconate 5-dehydrogenase inhibitor	0,513	0,035
Glyoxylate oxidase inhibitor	0,588	0,112
Chenodeoxycholytaurine hydrolase inhibitor	0,488	0,016
Procollagen-lysine 5-dioxygenase inhibitor	0,477	0,007
L-glutamate oxidase inhibitor	0,479	0,013
Lactaldehyde reductase inhibitor	0,498	0,032

Nicotine dehydrogenase inhibitor	0,472	0,007
Sarcosine oxidase inhibitor	0,463	0,002
(R)-Pantolactone dehydrogenase (flavin) inhibitor	0,463	0,006
Crotonoyl-[acyl-carrier-protein] hydratase inhibitor	0,513	0,059
Membrane permeability inhibitor	0,488	0,035
Opheline kinase inhibitor	0,474	0,023
Taurocyamine kinase inhibitor	0,506	0,055
3-Demethylubiquinone-9 3-O-methyltransferase inhibitor	0,468	0,020
Formaldehyde transketolase inhibitor	0,461	0,017
2-Dehydropantoate 2-reductase inhibitor	0,479	0,036
Sulfite oxidase inhibitor	0,443	0,002
Pterin deaminase inhibitor	0,484	0,044
ADP-thymidine kinase inhibitor	0,449	0,009
Nitrite reductase [NAD(P)H] inhibitor	0,469	0,029
NADPH-ferrihemoprotein reductase inhibitor	0,454	0,017
1,4-Lactonase inhibitor	0,472	0,036
N-benzyloxycarbonylglycine hydrolase inhibitor	0,445	0,013
S-alkylcysteine lyase inhibitor	0,437	0,007
Cyclohexyl-isocyanide hydratase inhibitor	0,492	0,063
N-Acyl-D-aspartate deacylase inhibitor	0,438	0,009
Fructan beta-fructosidase inhibitor	0,451	0,024
Antiseborrhoeic	0,443	0,017
Long-chain-aldehyde dehydrogenase inhibitor	0,448	0,024
Mucinamylserine mucinamidase inhibitor	0,427	0,004
N-acetylneuraminate 7-O(or 9-O)-acetyltransferase inhibitor	0,519	0,095
UGT1A6 substrate	0,425	0,004
Naphthalene 1,2-dioxygenase inhibitor	0,468	0,049
Ferredoxin-NAD+ reductase inhibitor	0,481	0,063
Phenol O-methyltransferase inhibitor	0,463	0,048
N-acetylneuraminate synthase inhibitor	0,454	0,040
Linoleate diol synthase inhibitor	0,467	0,055
Phloroglucinol reductase inhibitor	0,413	0,004
NADPH peroxidase inhibitor	0,443	0,034
Glyoxylate reductase inhibitor	0,485	0,078
Gluconate 2-dehydrogenase (acceptor) inhibitor	0,407	0,004
Lysase inhibitor	0,455	0,055
N-methylhydantoinase (ATP-hydrolysing) inhibitor	0,462	0,064
Aspartate-ammonia ligase inhibitor	0,412	0,015
2,6-Dihydropyridine 3-monooxygenase inhibitor	0,423	0,027
Acylesterase inhibitor	0,433	0,039
Trans-acenaphthene-1,2-diol dehydrogenase inhibitor	0,397	0,005
2-Oxoaldehyde dehydrogenase (NADP+) inhibitor	0,407	0,015
Mucositis treatment	0,423	0,033
Carbon-monoxide dehydrogenase inhibitor	0,417	0,029
CYP2C12 substrate	0,433	0,046
4-Coumarate-CoA ligase inhibitor	6 0,409	0,022
3-Hydroxy-4-oxoquinoline 2,4-dioxygenase inhibitor	0,410	0,025

Mannan endo-1,4-beta-mannosidase inhibitor	0,442	0,059
Tryptophanamidase inhibitor	0,410	0,029
Mannitol-1-phosphatase inhibitor	0,411	0,031
Lysine 2,3-aminomutase inhibitor	0,402	0,028
Poly(alpha-L-guluronate) lyase inhibitor	0,424	0,050
Uroporphyrinogen-III synthase inhibitor	0,389	0,015
Phenylpyruvate decarboxylase inhibitor	0,456	0,083
Salicylate 1-monooxygenase inhibitor	0,383	0,012
Allyl-alcohol dehydrogenase inhibitor	0,411	0,042
Glucan endo-1,3-beta-D-glucosidase inhibitor	0,416	0,050
Hydroxylamine reductase (NADH) inhibitor	0,413	0,049
Rhamnulose-1-phosphate aldolase inhibitor	0,396	0,031
Anthranilate-CoA ligase inhibitor	0,393	0,029
Cholestanetriol 26-monooxygenase inhibitor	0,367	0,004
3-Hydroxybenzoate 4-monooxygenase inhibitor	0,378	0,016
Aryl-alcohol dehydrogenase (NADP+) inhibitor	0,387	0,026
Insulysin inhibitor	0,397	0,039
Limulus clotting factor B inhibitor	0,391	0,033
Benzoate 4-monooxygenase inhibitor	0,431	0,075
Hydrogen dehydrogenase inhibitor	0,414	0,058
L-glucuronate reductase inhibitor	0,371	0,015
Tpr proteinase (Porphyromonas gingivalis) inhibitor	0,381	0,026
Mitochondrial processing peptidase inhibitor	0,374	0,021
3-Carboxyethylcatechol 2,3-dioxygenase inhibitor	0,389	0,038
Aminocarboxymuconate-semialdehyde decarboxylase inhi	0,406	0,054
Steroid N-acetylglucosaminyltransferase inhibitor	0,371	0,020
Histidinol-phosphatase inhibitor	0,433	0,085
Fragilysin inhibitor	0,374	0,027
Polygalacturonase inhibitor	0,403	0,056
CYP2H substrate	0,396	0,051
Peptide-N4-(N-acetyl-beta-glucosaminyl)asparagine amida	0,399	0,055
Prostaglandin-A1 DELTA-isomerase inhibitor	0,394	0,050
Pyruvate decarboxylase inhibitor	0,382	0,040
Antiinfective	0,398	0,057
Xylan endo-1,3-beta-xylosidase inhibitor	0,365	0,026
6-Pyruvoyltetrahydropterin synthase inhibitor	0,360	0,023
D-xylulose reductase inhibitor	0,360	0,027
Glutarate-semialdehyde dehydrogenase inhibitor	0,480	0,147
4-Chlorophenylacetate 3,4-dioxygenase inhibitor	0,345	0,013
Astringent	0,336	0,005
Poly(beta-D-mannuronate) lyase inhibitor	0,403	0,073
Cyclohexanone monooxygenase inhibitor	0,370	0,041
Gamma-butyrobetaine dioxygenase inhibitor	0,421	0,093
Saccharopepsin inhibitor	0,358	0,030
Acrocylindropepsin inhibitor	0,397	0,071
Chymosin inhibitor	0,337	0,011
Triacetate-lactonase inhibitor	0,364	0,038

6-Carboxyhexanoate-CoA ligase inhibitor	0,348	0,024
Homoaconitate hydratase inhibitor	0,382	0,058
Biotin-CoA ligase inhibitor	0,353	0,029
Aryldialkylphosphatase inhibitor	0,367	0,048
Magnesium-protoporphyrin IX monomethyl ester (oxidativ	0,433	0,114
Alkenylglycerophosphoethanolamine hydrolase inhibitor	0,376	0,061
Gluconolactonase inhibitor	0,338	0,023
Aryl-acylamidase inhibitor	0,378	0,064
H ⁺ -exporting ATPase inhibitor	0,350	0,038
4-Hydroxyglutamate transaminase inhibitor	0,316	0,005
Arylalkyl acylamidase inhibitor	0,382	0,074
Urease inhibitor	0,324	0,018
2,5-Dihydroxypyridine 5,6-dioxygenase inhibitor	0,322	0,017
Ornithine cyclodeaminase inhibitor	0,313	0,008
Diphosphomevalonate decarboxylase inhibitor	0,398	0,094
Styrene-oxide isomerase inhibitor	0,359	0,058
Phospholipid-translocating ATPase inhibitor	0,305	0,005
S-formylglutathione hydrolase inhibitor	0,371	0,071
Diiodophenylpyruvate reductase inhibitor	0,326	0,027
N-hydroxyarylamine O-acetyltransferase inhibitor	0,331	0,033
(R)-6-hydroxynicotine oxidase inhibitor	0,316	0,018
Kidney function stimulant	0,302	0,004
Levanase inhibitor	0,312	0,014
Thymidylate 5'-phosphatase inhibitor	0,499	0,202
Carnitinamidase inhibitor	0,353	0,058
Histidine N-acetyltransferase inhibitor	0,321	0,029
Biotinidase inhibitor	0,418	0,127
Lipoprotein lipase inhibitor	0,304	0,014
Rubredoxin-NAD ⁺ reductase inhibitor	0,327	0,039
D-alanine 2-hydroxymethyltransferase inhibitor	0,425	0,138
Aryl sulfotransferase inhibitor	0,358	0,072
Prostaglandin-E2 9-reductase inhibitor	0,325	0,040
TP53 expression enhancer	0,318	0,034
Malate dehydrogenase (acceptor) inhibitor	0,309	0,027
Creatinine deaminase inhibitor	0,346	0,064
Cyanoalanine nitrilase inhibitor	0,357	0,076
Opine dehydrogenase inhibitor	0,350	0,070
Glycerol 2-dehydrogenase (NADP ⁺) inhibitor	0,326	0,046
Antiinflammatory, intestinal	0,304	0,029
GABA C receptor agonist	0,360	0,088
Mucomembranous protector	0,326	0,054
G-protein-coupled receptor kinase inhibitor	0,313	0,042
Beta-adrenergic receptor kinase inhibitor	0,316	0,045
Guanidinoacetase inhibitor	0,369	0,099
Glycolate dehydrogenase inhibitor	0,346	0,076
Gentisate 1,2-dioxygenase inhibitor	0,328	0,058
4-Hydroxyphenylacetate 3-monooxygenase inhibitor	0,322	0,054

L-threonine 3-dehydrogenase inhibitor	0,303	0,035
3-Oxoadipate enol-lactonase inhibitor	0,326	0,060
2-Oxoglutarate decarboxylase inhibitor	0,315	0,049
UGT1A9 substrate	0,341	0,076
Cytoprotectant	0,348	0,083
Eye irritation, inactive	0,341	0,077
Glucan 1,6-alpha-glucosidase inhibitor	0,308	0,043
HMOX1 expression enhancer	0,316	0,052
3-Hydroxyphenylacetate 6-hydroxylase inhibitor	0,324	0,061
Leucolysin inhibitor	0,371	0,110
Phobic disorders treatment	0,301	0,044
Aspartyl aminopeptidase inhibitor	0,339	0,083
Glycerol dehydratase inhibitor	0,336	0,080
Acylphosphatase inhibitor	0,367	0,113
Camphor 1,2-monooxygenase inhibitor	0,343	0,090
CYP2C8 inhibitor	0,340	0,090
Glycerol-1-phosphatase inhibitor	0,314	0,066
Hydroxylamine reductase inhibitor	0,359	0,112
1-Alkylglycerophosphocholine O-acetyltransferase inhibitor	0,335	0,090
Benzaldehyde dehydrogenase (NADP+) inhibitor	0,327	0,082
N-carbamoyl-L-amino-acid hydrolase inhibitor	0,323	0,078
N-hydroxy-2-acetamidofluorene reductase inhibitor	0,313	0,069
CDP-4-dehydro-6-deoxyglucose reductase inhibitor	0,327	0,082
N-acetyl-gamma-glutamyl-phosphate reductase inhibitor	0,311	0,067
2-Haloacid dehalogenase (configuration-inverting) inhibitor	0,314	0,071
Mannan endo-1,6-alpha-mannosidase inhibitor	0,355	0,113
UGT2B1 substrate	0,343	0,102
Phenylacetate-CoA ligase inhibitor	0,342	0,105
3-Cyanoalanine hydratase inhibitor	0,328	0,094
Monophenol monooxygenase inhibitor	0,311	0,078
Centromere associated protein inhibitor	0,347	0,114
Transketolase inhibitor	0,380	0,148
Cyclomaltodextrinase inhibitor	0,372	0,142
Pyruvate dehydrogenase (cytochrome) inhibitor	0,348	0,120
Trans-2-enoyl-CoA reductase (NAD+) inhibitor	0,384	0,156
Inulinase inhibitor	0,382	0,155
Bothrolysin inhibitor	0,308	0,083
Acetylnornithine deacetylase inhibitor	0,307	0,085
APOA1 expression enhancer	0,320	0,099
Orcinol 2-monooxygenase inhibitor	0,340	0,124
Formate-dihydrofolate ligase inhibitor	0,346	0,131
Mediator release inhibitor	0,361	0,150
Pantoate 4-dehydrogenase inhibitor	0,339	0,128
Lysine 6-dehydrogenase inhibitor	0,319	0,109
3-Hydroxybutyryl-CoA dehydrogenase inhibitor	0,340	0,141
2,4-Diaminopentanoate dehydrogenase inhibitor	0,303	0,109
Calcium channel (voltage-sensitive) activator	7 0,304	0,112

tRNA nucleotidyltransferase inhibitor	0,320	0,129
MMP9 expression inhibitor	0,374	0,183
Succinate-semialdehyde dehydrogenase [NAD(P)+] inhibitor	0,317	0,130
Glutathione dehydrogenase (ascorbate) inhibitor	0,352	0,168
Quinoprotein glucose dehydrogenase inhibitor	0,309	0,125
Glycopeptide alpha-N-acetylgalactosaminidase inhibitor	0,349	0,168
CYP2J substrate	0,302	0,138
Anthranilate 3-monooxygenase (deaminating) inhibitor	0,324	0,173
Phosphoinositide 5-phosphatase inhibitor	0,302	0,152
HIF1A expression inhibitor	0,334	0,221
Licheninase inhibitor	0,342	0,231
Chitosanase inhibitor	0,323	0,217
2-Enoate reductase inhibitor		
Protocatechuate 4,5-dioxygenase inhibitor		
Platelet adhesion inhibitor		
Leukotriene-B4 20-monooxygenase inhibitor		
Pectate lyase inhibitor		
Cholesterol antagonist		
Fumarate reductase (NADH) inhibitor		
N-methyl-2-oxoglutaramate hydrolase inhibitor		
Cytochrome-b5 reductase inhibitor		
Trans-pentaprenyltranstransferase inhibitor		
Choleretic		
Catechol 2,3-dioxygenase inhibitor		
N-Acyl-D-amino-acid deacylase inhibitor		
Carminative		
MAP kinase stimulant		
Thromboxane B2 antagonist		
D-lactaldehyde dehydrogenase inhibitor		
Glyceryl-ether monooxygenase inhibitor		
Laccase inhibitor		
Isopenicillin-N epimerase inhibitor		
Antimyopathies		
2,4-Dichlorophenol 6-monooxygenase inhibitor		
Protein-Npi-phosphohistidine-sugar phosphotransferase inhibitor		
L-iduronidase inhibitor		
Complement factor D inhibitor		
Oxygen scavenger		
Oxidoreductase inhibitor		
CYP2J2 substrate		
Hippurate hydrolase inhibitor		
Catechol oxidase inhibitor		
1-Acylglycerol-3-phosphate O-acyltransferase inhibitor		
Aspartyltransferase inhibitor		
Free radical scavenger		
Phosphatidylglycerophosphatase inhibitor		
15-Hydroxyprostaglandin-D dehydrogenase (NADP+) inhibitor		

Alcohol oxidase inhibitor
Glycosylphosphatidylinositol phospholipase D inhibitor
Beta-amylase inhibitor
Alpha-N-acetylglucosaminidase inhibitor
Manganese peroxidase inhibitor
UDP-glucuronosyltransferase substrate
Histamine release stimulant
4-Alpha-glucanotransferase inhibitor
Membrane integrity antagonist
Ethanolamine-phosphate cytidyltransferase inhibitor
Mannose isomerase inhibitor
Glycerol-3-phosphate dehydrogenase inhibitor
D-amino-acid dehydrogenase inhibitor
Ferredoxin-nitrite reductase inhibitor
Dimethylmaleate hydratase inhibitor
Ecdysone 20-monooxygenase inhibitor
Phenylalanine(histidine) transaminase inhibitor
Lipid metabolism regulator
Methylumbelliferyl-acetate deacetylase inhibitor
Protocatechuate 3,4-dioxygenase inhibitor
P-benzoquinone reductase (NADPH) inhibitor
Antiviral (Influenza)
Keratolytic
Arylesterase inhibitor
Histamine release inhibitor
Plasmanylethanolamine desaturase inhibitor
Para amino benzoic acid antagonist
O-aminophenol oxidase inhibitor
Lombricine kinase inhibitor
Vomilenine glucosyltransferase inhibitor
Skin irritation, inactive
Glucan 1,4-beta-glucosidase inhibitor
Leukopoiesis inhibitor
3,4-Dihydroxy-9,10-secoandrosta-1,3,5(10)-triene-9,17-dione 4,5-dioxygenase inh
L-amino-acid oxidase inhibitor
Methylaspartate ammonia-lyase inhibitor
TNF expression inhibitor
Gly-X carboxypeptidase inhibitor
Sulfite dehydrogenase inhibitor
Glucan endo-1,3-alpha-glucosidase inhibitor
Phthalate 4,5-dioxygenase inhibitor
Beta glucuronidase inhibitor
Sphinganine-1-phosphate aldolase inhibitor
AR expression inhibitor
3-Aminobutyryl-CoA ammonia-lyase inhibitor
5 Hydroxytryptamine release inhibitor
GABA aminotransferase inhibitor

Phosphoglycerate mutase inhibitor
Acetate kinase inhibitor
Pin1 inhibitor
Glutaminase inhibitor
Dihydroxy-acid dehydratase inhibitor
Glycerol dehydrogenase (NADP+) inhibitor
Cardiovascular analeptic
N-(long-chain-acyl)ethanolamine deacylase inhibitor
RELA expression inhibitor
X-methyl-His dipeptidase inhibitor
Plastoquinol-plastocyanin reductase inhibitor
DNA-3-methyladenine glycosylase I inhibitor
Carboxypeptidase Taq inhibitor
Galactose oxidase inhibitor
Ubiquitin thiolesterase inhibitor
Histone acetyltransferase inhibitor
Myosin ATPase inhibitor
Erythropoiesis stimulant
2,3-Dihydroxyindole 2,3-dioxygenase inhibitor
Clavamate synthase inhibitor
Acylcarnitine hydrolase inhibitor
Sigma receptor agonist
Trimethylamine dehydrogenase inhibitor
DNA-(apurinic or apyrimidinic site) lyase inhibitor
Lysostaphin inhibitor
Quinate 5-dehydrogenase inhibitor
Succinate-semialdehyde dehydrogenase inhibitor
Antipyretic
Glucuronate isomerase inhibitor
Orotate reductase (NADPH) inhibitor
Cyclamate sulfohydrolase inhibitor
Trimethylamine-oxide aldolase inhibitor
Cyclic AMP agonist
Lipid peroxidase inhibitor
Malate oxidase inhibitor
Anti-amyloidogenic
Pseudouridylyl synthase inhibitor
Nicotinic $\alpha_6\beta_3\beta_4\alpha_5$ receptor antagonist
CYP2E1 inducer
Aldehyde dehydrogenase (NADP+) inhibitor
Leucine dehydrogenase inhibitor
Antidyskinetic
Coccolysin inhibitor
Adenomatous polyposis treatment
FMO1 substrate
CYP2A substrate
Choline-phosphate cytidylyltransferase inhibitor

(S)-3-hydroxyacid ester dehydrogenase inhibitor
Gallate decarboxylase inhibitor
Adenylyl-sulfate reductase inhibitor
UGT1A substrate
Cathepsin T inhibitor
Glucosamine-6-phosphate deaminase inhibitor
2-Dehydropantolactone reductase (A-specific) inhibitor
Arylsulfatase inhibitor
Acetylcholine neuromuscular blocking agent
Thiol oxidase inhibitor
Arylformamidase inhibitor
Pyroglutamyl-peptidase II inhibitor
Leukotriene-C4 synthase inhibitor
UGT1A1 substrate
UGT1A7 substrate
CYP2C9 substrate
Procollagen N-endopeptidase inhibitor
Alcohol O-acetyltransferase inhibitor
Diisopropyl-fluorophosphatase inhibitor
Glutamate decarboxylase inhibitor
Antipruritic, allergic
Neurotransmitter antagonist
Peptide-tryptophan 2,3-dioxygenase inhibitor
Alanine-tRNA ligase inhibitor
Radioprotector
Cyclopentanone monooxygenase inhibitor
Nucleotide metabolism regulator
Leukopoiesis stimulant
Polyporopepsin inhibitor
Allantoinase inhibitor
Radiosensitizer
CYP2A6 substrate
Pseudolysin inhibitor
Phosphatidylcholine-sterol O-acyltransferase inhibitor
Glycerol-3-phosphate oxidase inhibitor
Acyl-lysine deacylase inhibitor
NADPH oxidase inhibitor
Sulfur reductase inhibitor
Caspase 8 stimulant
Acylaminoacyl-peptidase inhibitor
Indoleacetaldoxime dehydratase inhibitor
UGT2B12 substrate
Retinal dehydrogenase inhibitor
2,3,4,5-Tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase inhibitor
Thiosulfate dehydrogenase inhibitor
NAD⁺ synthase (glutamine-hydrolysing) inhibitor
Acaricide

Macrophage colony stimulating factor agonist
4-Hydroxybenzoate nonaprenyltransferase inhibitor
Glucose 1-dehydrogenase inhibitor
Expectorant
Sweetener
Hepatoprotectant
Antinociceptive
4-Phytase inhibitor
Vasodilator, peripheral
Alkylacetylgllycerophosphatase inhibitor
N-acetyllactosamine synthase inhibitor
UGT2B substrate
Thiamine pyridinylase inhibitor
Hemostatic
Apoptosis agonist
Cytostatic
Phosphatase inhibitor
D-threo-aldose 1-dehydrogenase inhibitor
Protein-glucosylgalactosylhydroxylysine glucosidase inhibitor
Nitrate reductase inhibitor
Alpha-N-arabinofuranosidase inhibitor
GST A substrate
UGT1A10 substrate
Aspergillus nuclease S1 inhibitor
Muscular dystrophy treatment
Glucan 1,4-alpha-maltotriohydrolase inhibitor
Thiopurine S-methyltransferase inhibitor
Caspase 3 stimulant
Alpha-glucuronidase inhibitor
Enteropeptidase inhibitor
Cellulase inhibitor
Alcohol dehydrogenase [NAD(P)+] inhibitor
Cyclic AMP phosphodiesterase inhibitor
Acetylenecarboxylate hydratase inhibitor
Dihydrodipicolinate reductase inhibitor
Reductant
Hydroxymethylbilane synthase inhibitor
Venombin AB inhibitor
Indolepyruvate C-methyltransferase inhibitor
Antiviral (Picornavirus)
Carboxypeptidase D inhibitor
Tyrosine-ester sulfotransferase inhibitor
4-Hydroxybenzoate-CoA ligase inhibitor
Chloramphenicol O-acetyltransferase inhibitor
CYP2B6 substrate
Gamma-glutamyltransferase inhibitor
Phosphopantothenoylecysteine decarboxylase inhibitor

CYP19A1 expression inhibitor
Glutathione peroxidase inhibitor
Mandelate 4-monooxygenase inhibitor
Guanidinoacetate N-methyltransferase inhibitor
Aspartate-tRNA ligase inhibitor
Indanol dehydrogenase inhibitor
2-Pyrocatechuate decarboxylase inhibitor
Endo-1,4-beta-xylanase inhibitor
Pitrilysin inhibitor
CDP-diacylglycerol-serine O-phosphatidyltransferase inhibitor
Alpha-amylase inhibitor
4-Chlorobenzoyl-CoA dehalogenase inhibitor
DOPA decarboxylase inhibitor
Histidine decarboxylase inhibitor
Sulfur dioxygenase inhibitor
Loop diuretic
Benzoylformate decarboxylase inhibitor
Beta-mannosidase inhibitor
Prephenate dehydrogenase inhibitor
Trimethylamine-N-oxide reductase inhibitor
Blasticidin-S deaminase inhibitor
Glycine dehydrogenase (decarboxylating) inhibitor
Glyoxylate reductase (NADP+) inhibitor
Haloacetate dehalogenase inhibitor
Prepilin peptidase inhibitor
Farnesyltranstransferase inhibitor
CYP3A5 substrate
Phenylacetaldehyde dehydrogenase inhibitor
Membrane permeability enhancer
Glucan 1,4-alpha-maltotetraohydrolase inhibitor
Antihypercholesterolemic
Acid phosphatase inhibitor
Glutamate-tRNA ligase inhibitor
4-Hydroxybenzoate 3-monooxygenase inhibitor
Antipsoriatic
3'-Nucleotidase inhibitor
Vasoprotector
Alkylglycerophosphoethanolamine phosphodiesterase inhibitor
Iodide peroxidase inhibitor
Antiviral (Adenovirus)
Serine 3-dehydrogenase inhibitor
CYP2C substrate
4-Hydroxymandelate oxidase inhibitor
Nitrite reductase (NO-forming) inhibitor
Carboxymethylenebutenolidase inhibitor
L-ascorbate peroxidase inhibitor
Carnosine synthase inhibitor

Protein-disulfide reductase (glutathione) inhibitor
Thioredoxin inhibitor
Cysteine-S-conjugate beta-lyase inhibitor
Sedoheptulose-bisphosphatase inhibitor
L-galactonolactone oxidase inhibitor
Phenol 2-monooxygenase inhibitor
Ferrochelataase inhibitor
CYP2A5 substrate
CYP4A substrate
Catalase inhibitor
Venom exonuclease inhibitor
Ompin inhibitor
Isoquinoline 1-oxidoreductase inhibitor
Arylmalonate decarboxylase inhibitor
Chitinase inhibitor
Glycogen synthase stimulant
Gingipain K inhibitor
[acyl-carrier-protein] S-acetyltransferase inhibitor
Ovulation inhibitor
2,2-Dialkylglycine decarboxylase (pyruvate) inhibitor
TRPA1 agonist
5 Hydroxytryptamine release stimulant
Hydroxylamine oxidase inhibitor
CYP2A4 substrate
Alopecia treatment
Glycine amidinotransferase inhibitor
Tryptophan transaminase inhibitor
Aspartoacylase inhibitor
3-Phytase inhibitor
Penicillin amidase inhibitor
Guanidinoacetate kinase inhibitor
DNA ligase (ATP) inhibitor
NAD(P)⁺-arginine ADP-ribosyltransferase inhibitor
Phenylalanine decarboxylase inhibitor
N-Carbamoyl-D-amino acid hydrolase inhibitor
Pyruvate dehydrogenase inhibitor
D-lactate dehydrogenase (cytochrome) inhibitor
Protein-glutamate methylesterase inhibitor
D-2-hydroxy-acid dehydrogenase inhibitor
Cardioprotectant
Alcohol dehydrogenase (NADP⁺) inhibitor
Analeptic
Xaa-Pro dipeptidyl-peptidase inhibitor
GST M substrate
ATP phosphoribosyltransferase inhibitor
Phosphoenolpyruvate-protein phosphotransferase inhibitor
Platelet aggregation stimulant

Pyridoxine 5-dehydrogenase inhibitor
Pyruvate dehydrogenase (lipoamide) inhibitor
Glycine-tRNA ligase inhibitor
Nicotinamidase inhibitor
Deoxyribonuclease I inhibitor
Inorganic diphosphatase inhibitor
Antiinflammatory
Rhodotorulapepsin inhibitor
General pump inhibitor
Antiuremic
Endothelial growth factor antagonist
Pim-1 kinase inhibitor
N-formylmethionyl-peptidase inhibitor
2-Oxoisovalerate dehydrogenase (acylating) inhibitor
Insulin promoter
Vasodilator, coronary
3-Hydroxyacyl-CoA dehydrogenase inhibitor
Chemopreventive
Aromatic-hydroxylamine O-acetyltransferase inhibitor
Valine dehydrogenase (NADP+) inhibitor
Peptidoglycan glycosyltransferase inhibitor
CYP2C8 substrate
Antithrombotic
Imidazoleacetate 4-monooxygenase inhibitor
Aconitate decarboxylase inhibitor
Ferredoxin hydrogenase inhibitor
Acetoin dehydrogenase inhibitor
Cerebroside-sulfatase inhibitor
Omega-amidase inhibitor
Antiallergic
Gastrin inhibitor
Antiviral (Rhinovirus)
Bile-salt sulfotransferase inhibitor
Nitrilase inhibitor
4-Hydroxybenzoate decarboxylase inhibitor
Respiratory analeptic
Acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltrans
UGT2B4 substrate
Carboxylesterase inhibitor
4,5-Dihydroxyphthalate decarboxylase inhibitor
Dopamine release stimulant
Ribitol 2-dehydrogenase inhibitor
Dermatologic
Antituberculosic
5 Hydroxytryptamine uptake stimulant
Xylose isomerase inhibitor
NF-E2-related factor 2 stimulant

Maillard reaction inhibitor
Mannosyl-glycoprotein endo-beta-N-acetylglucosaminidase inhibitor
Di-trans,poly-cis-decaprenylcistransferase inhibitor
Formaldehyde dehydrogenase inhibitor
Retinoic acid metabolism inhibitor
Morphine 6-dehydrogenase inhibitor
CYP1A inducer
D-cysteine desulfhydrase inhibitor
(R,R)-butanediol dehydrogenase inhibitor
CYP2C19 substrate
N-acetylneuraminate lyase inhibitor
Sulfate adenylyltransferase (ADP) inhibitor
Undecaprenyl-diphosphatase inhibitor
Acylglycerone-phosphate reductase inhibitor
Creatinase inhibitor
Phosphatidate phosphatase inhibitor
Shikimate O-hydroxycinnamoyltransferase inhibitor
Vanilloid 1 agonist
Alpha-L-rhamnosidase inhibitor
Octopamine antagonist
Apyrase inhibitor
CYP2C9 inducer
Malate dehydrogenase inhibitor
Galacturan 1,4-alpha-galacturonidase inhibitor
GABA transporter 3 inhibitor
CYP2D15 substrate
Glutamin-(asparagin-)ase inhibitor
Xylan 1,4-beta-xylosidase inhibitor
Glutathione-disulfide reductase inhibitor
CYP3A3 substrate
4-Hydroxybenzoate 1-hydroxylase inhibitor
Deoxyribonuclease (pyrimidine dimer) inhibitor
Deoxyribose-phosphate aldolase inhibitor
N-acetylneuraminate 4-O-acetyltransferase inhibitor
Carboxylate reductase inhibitor
Diamine N-acetyltransferase inhibitor
Metallocoarboxypeptidase D inhibitor
1,5-Anhydro-D-fructose reductase inhibitor
Alpha-pinene-oxide decyclase inhibitor
Tauropine dehydrogenase inhibitor
CYP2C6 substrate
3¹-Demethylstaurosporine O-methyltransferase inhibitor
Galactokinase inhibitor
Dolichyl-diphosphooligosaccharide-protein glycotransferase inhibitor
Dementia treatment
Mandelate racemase inhibitor
Pyridoxine 4-oxidase inhibitor

Valine decarboxylase inhibitor
CYP2A1 substrate
Guanidinodeoxy-scylo-inositol-4-phosphatase inhibitor
NOS2 expression inhibitor
Undecaprenyldiphospho-muramoylpentapeptide beta-N-acetylglucosaminyltransf
Cystathionine beta-synthase inhibitor
Cl--transporting ATPase inhibitor
Antipruritic
Carnitine dehydratase inhibitor
Acetolactate decarboxylase inhibitor
Orotate reductase (NADH) inhibitor
Age-related macular degeneration treatment
CDP-diacylglycerol-glycerol-3-phosphate 3-phosphatidyltransferase inhibitor
Glutathione synthase inhibitor
CYP3A4 inducer
Inositol oxygenase inhibitor
RNA-directed RNA polymerase inhibitor
Lactate 2-monooxygenase inhibitor
Sigma 1 receptor agonist
Horriylsin inhibitor
EIF4E expression inhibitor
Aldehyde ferredoxin oxidoreductase inhibitor
Glutamate 5-kinase inhibitor
CYP2C18 substrate
Gastritis treatment
Alcohol dehydrogenase (acceptor) inhibitor
Pediculicide
2-Hydroxy-3-oxoadipate synthase inhibitor
Fibrolase inhibitor
Gonadotropin antagonist
Amyloid beta aggregation inhibitor
Alkaline phosphatase inhibitor
Laminaribiose phosphorylase inhibitor
Prunasin beta-glucosidase inhibitor
Antinephritic
Porphobilinogen synthase inhibitor
Cytochrome-c3 hydrogenase inhibitor
Antioxidant
Aldehyde dehydrogenase [NAD(P)+] inhibitor
Peptidyl-dipeptidase Dcp inhibitor
Photosensitizer
Antihypoxic
Mitochondrial intermediate peptidase inhibitor
Antisecretoric
Alpha-Methylacyl-CoA racemase inhibitor
Transthyretin amyloid fibril formation inhibitor
Malate-CoA ligase inhibitor

Antimycobacterial
Thiamine-phosphate kinase inhibitor
Asparagine-tRNA ligase inhibitor
Histidinol dehydrogenase inhibitor
Laxative
Deacetoxycephalosporin-C synthase inhibitor
Aminoacylase inhibitor
Bilirubin oxidase inhibitor
CYP3A inducer
UGT1A8 substrate
Antiprotozoal (Amoeba)
Xanthine oxidase inhibitor
Cellulose 1,4-beta-cellobiosidase inhibitor
Uric acid excretion stimulant
Anticarcinogenic
CYP4A11 substrate
Aminopeptidase Y inhibitor
Diuretic inhibitor
Anesthetic general
Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase inhibitor
Fucosterol-epoxide lyase inhibitor
Sorbose dehydrogenase inhibitor
Malonate-semialdehyde dehydrogenase inhibitor
Prion diseases treatment
Iron-cytochrome-c reductase inhibitor
CYP2D16 substrate
Magnesium-protoporphyrin IX methyltransferase inhibitor
UGT1A3 substrate
Glutamate-1-semialdehyde 2,1-aminomutase inhibitor
(S)-2-hydroxy-acid oxidase inhibitor
CYP2E1 substrate
3,4-Dihydroxyphenylacetate 2,3-dioxygenase inhibitor
1,2-alpha-L-fucosidase inhibitor
DNA-3-methyladenine glycosylase II inhibitor
3-Oxosteroid 1-dehydrogenase inhibitor
CYP2B10 substrate
Isoamylase inhibitor
Glutamate (mGluR5) agonist
CTGF expression inhibitor
ICAM1 expression inhibitor
Galactose 1-dehydrogenase (NADP+) inhibitor
Beta-alanine-pyruvate transaminase inhibitor
Mepripin B inhibitor
D-lactate dehydrogenase inhibitor
Antidote
Homogentisate 1,2-dioxygenase inhibitor
Mucolytic

Antifibrinolytic
Hyaluronic acid agonist
CYP2E substrate
Leucine transaminase inhibitor
tRNA adenylyltransferase inhibitor
Phosphoinositide phospholipase C inhibitor
Ferredoxin-NADP+ reductase inhibitor
UGT2B17 substrate
Sorbitol-6-phosphate 2-dehydrogenase inhibitor
L-fuconate dehydratase inhibitor
Serratia marcescens nuclease inhibitor
Oxalate oxidase inhibitor
Sterol 3-beta-glucosyltransferase inhibitor
Formate dehydrogenase inhibitor
Methanol dehydrogenase inhibitor
Carnitine 3-dehydrogenase inhibitor
Skin whitener
Menopausal disorders treatment
D-arabinonolactone oxidase inhibitor
CYP3A2 substrate
Non-steroidal antiinflammatory agent
Gluconate dehydratase inhibitor
Thioredoxin reductase inhibitor
Antibacterial
(S)-3-amino-2-methylpropionate transaminase inhibitor
Acetate-CoA ligase inhibitor
Muramoyltetrapeptide carboxypeptidase inhibitor
Opioid kappa 3 receptor antagonist
Tyrosine 3 hydroxylase inhibitor
Chloride peroxidase inhibitor
FMN reductase inhibitor
UGT1A4 substrate
Arylamine N-acetyltransferase inhibitor
Choline kinase inhibitor
CYP2B substrate
Glucarate dehydratase inhibitor
Serum-glucocorticoid regulated kinase 1 inhibitor
UGT2B7 substrate
Sickle-cell anemia treatment
Cell wall biosynthesis inhibitor
Glucosamine-1-phosphate N-acetyltransferase inhibitor
Linoleoyl-CoA desaturase inhibitor
Antihelminthic (Nematodes)
UGT2B15 substrate
Lactaldehyde reductase (NADPH) inhibitor
Choline dehydrogenase inhibitor
Phospholipase C inhibitor

Phosphoenolpyruvate mutase inhibitor
Endo-1,3(4)-beta-glucanase inhibitor
Aryl-aldehyde dehydrogenase (NADP+) inhibitor
Histidine kinase inhibitor
Choline-sulfatase inhibitor
Inositol-polyphosphate 5-phosphatase inhibitor
Butyrate-CoA ligase inhibitor
Succinate dehydrogenase inhibitor
Cysteine desulfurase inhibitor
Antiperistaltic
3-Dehydroquinase synthase inhibitor
3C-like protease (Human coronavirus) inhibitor
NADH dehydrogenase inhibitor
Glucan 1,3-beta-glucosidase inhibitor
Diiodotyrosine transaminase inhibitor
Vasodilator
Aspartate racemase inhibitor
Cell adhesion molecule inhibitor
Antiinflammatory, ophthalmic
Gout treatment
Dichloromuconate cycloisomerase inhibitor
CYP2D2 inhibitor
Adenylyl-sulfate kinase inhibitor
Proteasome endopeptidase complex inhibitor
Aspartate transaminase inhibitor
Nicotinic alpha2beta2 receptor antagonist
Isovaleryl-CoA dehydrogenase inhibitor
ATP adenylyltransferase inhibitor
Acyl-CoA oxidase inhibitor
Urate-ribonucleotide phosphorylase inhibitor
P-glycoprotein substrate
5-Oxoprolinase (ATP-hydrolysing) inhibitor
4-Nitrophenylphosphatase inhibitor
Calcium channel activator
Cyclopropane-fatty-acyl-phospholipid synthase inhibitor
Cholesterol synthesis inhibitor
Antiprotozoal (Coccidial)
CYP3A1 substrate
27-Hydroxycholesterol 7alpha-monooxygenase inhibitor
Iduronate-2-sulfatase inhibitor
Dipeptidase E inhibitor
Antidiabetic symptomatic
ATPase inhibitor
Antineoplastic
Testosterone 17beta-dehydrogenase inhibitor
Hexokinase inhibitor
Oxidizing agent

Pancreatic elastase inhibitor
Alanine transaminase inhibitor
Xenobiotic-transporting ATPase inhibitor
Transcription factor NF kappa A inhibitor
6,7-Dihydropteridine reductase inhibitor
Cysteine synthase inhibitor
CYP1A1 inhibitor
Tetrahydroxynaphthalene reductase inhibitor
Lactose synthase inhibitor
Antiprotozoal (Trypanosoma)
Antiviral (Herpes)
Haloalkane dehalogenase inhibitor
Spasmolytic, Papaverin-like
6-Methylsalicylate decarboxylase inhibitor
Antiviral (CMV)
Muconate cycloisomerase inhibitor
Glycine transaminase inhibitor
Allophanate hydrolase inhibitor
Lysyl oxidase inhibitor
CDP-glycerol glycerophosphotransferase inhibitor
Gamma-D-Glutamyl-meso-diaminopimelate peptidase inhibitor
RNA synthesis inhibitor
Phosphoenolpyruvate carboxykinase (diphosphate) inhibitor
Dual specificity phosphatase inhibitor
Oxaloacetate decarboxylase inhibitor
Severe acute respiratory syndrome treatment
Saccharopine dehydrogenase (NAD⁺, L-lysine-forming) inhibitor
CYP2F1 substrate
Saccharopine dehydrogenase (NADP⁺, L-glutamate-forming) inhibitor
Phenylalanine 4-hydroxylase inhibitor
Maltose-transporting ATPase inhibitor
FMO3 substrate
Maleate isomerase inhibitor
CYP2B5 substrate
Glycogen (starch) synthase inhibitor
Formaldehyde dehydrogenase (glutathione) inhibitor
Aspartate-ammonia ligase (ADP-forming) inhibitor
Mannonate dehydratase inhibitor
UGT2B9 substrate
D-glutamate oxidase inhibitor
UDP-glucose-hexose-1-phosphate uridylyltransferase inhibitor
Aldehyde dehydrogenase inhibitor
Thiosulfate sulfurtransferase inhibitor
Nitric oxide scavenger
Myc inhibitor
Nitrile hydratase inhibitor
Diaminopimelate dehydrogenase inhibitor

Acetylserotonin O-methyltransferase inhibitor
Antitussive
Serine-phosphoethanolamine synthase inhibitor
Pyruvate carboxylase inhibitor
Inotropic
UGT1A5 substrate
Antifungal
Mevalonate kinase inhibitor
Cystathionine gamma-lyase inhibitor
Fibrinogen receptor antagonist
Sclerosant
Quinoline-4-carboxylate 2-oxidoreductase inhibitor
Tagaturonate reductase inhibitor
Fructuronate reductase inhibitor
Dihydropyrimidinase inhibitor
Antipruritic, non-allergic
Oligo-1,6-glucosidase inhibitor
NAD⁺ kinase inhibitor
Acyl-CoA hydrolase inhibitor
Palmitoyl-CoA hydrolase inhibitor
UDP-glucose 4-epimerase inhibitor
Glyceraldehyde-3-phosphate dehydrogenase (phosphorylating) inhibitor
(S)-6-hydroxynicotine oxidase inhibitor
Pyridoxamine-phosphate oxidase inhibitor
Thyroxine 5-deiodinase inhibitor
Simian immunodeficiency virus proteinase inhibitor
VCAM1 expression inhibitor
Spasmolytic, urinary
Fibroblast growth factor agonist
Gametolysin inhibitor
Tryptophan 2,3-dioxygenase inhibitor
Choloylglycine hydrolase inhibitor
Erythro-3-hydroxyaspartate ammonia-lyase inhibitor
Nicotinic alpha4beta4 receptor agonist
Pappalysin-1 inhibitor
Propanediol dehydratase inhibitor
L-3-cyanoalanine synthase inhibitor
Nucleoside oxidase (H₂O₂-forming) inhibitor
HIV-1 integrase (3'-Processing) inhibitor
Sulfate adenylyltransferase inhibitor
Snapalysin inhibitor
D-stereospecific aminopeptidase inhibitor
SMN2 expression enhancer
Triose-phosphate isomerase inhibitor
Anti-Helicobacter pylori
Proline racemase inhibitor
Vascular (periferal) disease treatment

Succinate-CoA ligase (ADP-forming) inhibitor
Cytochrome P450 stimulant
Aureolysin inhibitor
N6-methyl-lysine oxidase inhibitor
Pyroglutamyl-peptidase I inhibitor
CYP2C29 substrate
Phosphatidate cytidyltransferase inhibitor
Antineoplastic (non-Hodgkin's lymphoma)
DNA synthesis inhibitor
UGT2B10 substrate
Protein-arginine deiminase inhibitor
Hypolipemic
Antiprotozoal (Toxoplasma)
CYP2A3 substrate
Vitamin-K-epoxide reductase (warfarin-insensitive) inhibitor
Ethanolinphosphotransferase inhibitor
CYP3A7 substrate
Glycerol dehydrogenase inhibitor
Interleukin 10 agonist
Proteasome ATPase inhibitor
Peptidylamidoglycolate lyase inhibitor
Tripeptide aminopeptidase inhibitor
Protein phosphatase inhibitor
All-trans-retinyl-palmitate hydrolase inhibitor
Immunosuppressant
CYP3A substrate
Antineoplastic (small cell lung cancer)
CYP7 inhibitor
CYP1A1 inducer
Antianginal
Endopeptidase So inhibitor
CYP3A4 substrate
CYP2A11 substrate
2-Acylglycerol O-acyltransferase inhibitor
Proliferative diseases treatment
Antiprotozoal (Leishmania)
Methane monooxygenase inhibitor
CYP2B11 substrate
Bisphosphoglycerate mutase inhibitor
Opioid dependency treatment
Acidifying agent non gastric
Thiamine-triphosphatase inhibitor
CYP1A2 substrate
Calcium regulator
Intermittent claudication treatment
Spasmolytic
CYP1A substrate

Phosphatidylinositol diacylglycerol-lyase inhibitor
Acute neurologic disorders treatment
Endopeptidase La inhibitor
Aspergillopepsin I inhibitor
CYP2C10 substrate
2-Haloacid dehalogenase inhibitor
Diabetic neuropathy treatment
Antineurogenic pain
Mycothiol-S-conjugate amidase inhibitor
Cancer associated disorders treatment
Antiasthmatic
CYP1A inhibitor
Lactase inhibitor
Transcription factor NF kappa B stimulant
Transcription factor stimulant
Antiulcerative
Na⁺-transporting two-sector ATPase inhibitor
Antineurotic
Chemosensitizer
Kinase inhibitor
Nootropic

or

Activity	Ascorbic acid		Activity
	Pa	Pi	
Membrane integrity agonist	0,948	0,002	Vasoprotector
Choleretic	0,928	0,003	Antioxidant
Membrane permeability inhibitor	0,896	0,001	Procollagen-lysine 5-dioxygenase i
Free radical scavenger	0,894	0,005	Acute neurologic disorders treatm
Lipid peroxidase inhibitor	0,889	0,001	Oxygen scavenger
Oxidoreductase inhibitor	0,881	0,009	Ubiquinol-cytochrome-c reductase
Anticarcinogenic	0,871	0,001	Sedoheptulose-bisphosphatase inf
Chemopreventive	0,864	0,003	Reductant
HIF1A expression inhibitor	0,845	0,001	Chemoprotective
Phosphatase inhibitor	0,859	0,018	Aspulvinone dimethylallyltransfera
Antieczematic	0,835	0,002	Endo-1,3(4)-beta-glucanase inhibit
Antioxidant	0,830	0,001	Glutathione dehydrogenase (ascor
Proliferative diseases treatment	0,833	0,012	Sugar-phosphatase inhibitor
Antineoplastic	0,822	0,006	Glucan endo-1,6-beta-glucosidase
Feruloyl esterase inhibitor	0,818	0,003	Beta-mannosidase inhibitor
Quinate 5-dehydrogenase inhibitor	0,807	0,002	L-iduronidase inhibitor
Antihypoxic	0,812	0,012	Mannotetraose 2-alpha-N-acetylgl
Mucomembranous protector	0,797	0,001	Glycosylceramidase inhibitor
4-Coumarate-CoA ligase inhibitor	0,788	0,004	Lipid peroxidase inhibitor
G-protein-coupled receptor kinase inhibitor	0,787	0,002	Galactose oxidase inhibitor
Beta-adrenergic receptor kinase inhibitor	0,801	0,018	Alkenylglycerophosphocholine hyc
UDP-glucuronosyltransferase substrate	0,815	0,033	Membrane integrity agonist
Immunosuppressant	0,779	0,002	Acid phosphatase inhibitor
JAK2 expression inhibitor	0,779	0,008	Antiinflammatory
CDP-glycerol glycerophosphotransferase inhibit	0,771	0,002	L-galactonolactone oxidase inhibit
Antiprotozoal (Leishmania)	0,772	0,003	Transcription factor stimulant
Sugar-phosphatase inhibitor	0,772	0,003	Transcription factor NF kappa B sti
MMP9 expression inhibitor	0,776	0,022	Methylenetetrahydrofolate reduct
Beta glucuronidase inhibitor	0,765	0,016	Glucose oxidase inhibitor
Antipruritic, allergic	0,762	0,016	Feruloyl esterase inhibitor
TP53 expression enhancer	0,729	0,004	Glycopeptide alpha-N-acetylgalact
Trans-acenaphthene-1,2-diol dehydrogenase inl	0,723	0,002	Beta-D-fucosidase inhibitor
Selectin P antagonist	0,734	0,015	Ribulose-phosphate 3-epimerase i
Glucose-6-phosphate translocase inhibitor	0,714	0,005	Fructan beta-fructosidase inhibitor
Antifungal	0,729	0,021	Sphinganine kinase inhibitor
CYP2J substrate	0,715	0,008	Glucan 1,4-alpha-maltotriohydrola
Alkenylglycerophosphocholine hydrolase inhibit	0,736	0,035	Chymosin inhibitor
APOA1 expression enhancer	0,736	0,035	Saccharopepsin inhibitor
Cholesterol antagonist	0,736	0,035	Acrocyllindropepsin inhibitor
Testosterone 17beta-dehydrogenase (NADP+) ir	0,713	0,015	UDP-N-acetylglucosamine 4-epime
AR expression inhibitor	0,707	0,010	Mucinaminyserine mucinaminida:
Antipruritic	0,704	0,016	Antiarthritic
Antihelminthic (Nematodes)	0,725	0,042	CYP2J substrate
Caspase 3 stimulant	0,674	0,002	3-Deoxy-8-phosphooctulonate syn

Polarisation stimulant	0,677	0,006	Thymidylate 5'-phosphatase inhibitor
Calcium regulator	0,687	0,018	Exoribonuclease II inhibitor
GABA aminotransferase inhibitor	0,671	0,005	Licheninase inhibitor
Hepatoprotectant	0,695	0,034	CYP2J2 substrate
Glucan endo-1,6-beta-glucosidase inhibitor	0,700	0,040	Chlordecone reductase inhibitor
Antiinflammatory	0,671	0,018	Macrophage colony stimulating factor
Apoptosis agonist	0,705	0,053	Testosterone 17beta-dehydrogenase inhibitor
CYP2H substrate	0,669	0,018	Fucosterol-epoxide lyase inhibitor
Anaphylatoxin receptor antagonist	0,688	0,038	Nicotinic alpha6beta3beta4alpha5
H+-exporting ATPase inhibitor	0,655	0,008	Shikimate O-hydroxycinnamoyltransferase
Ribulose-phosphate 3-epimerase inhibitor	0,664	0,021	2-Dehydropantoate 2-reductase inhibitor
Mucositis treatment	0,669	0,027	Dehydro-L-gulonate decarboxylase inhibitor
Hypolipemic	0,657	0,017	Fatty-acyl-CoA synthase inhibitor
Antineoplastic (non-Hodgkin's lymphoma)	0,648	0,008	H+-exporting ATPase inhibitor
Reductant	0,666	0,030	5-O-(4-coumaroyl)-D-quininate 3'-methyl
Lipid metabolism regulator	0,682	0,052	Antieczematic
HMOX1 expression enhancer	0,654	0,025	Phosphatase inhibitor
Glycerol-ether monooxygenase inhibitor	0,634	0,004	Antidiabetic symptomatic
GST A substrate	0,644	0,017	N-acetylneuraminate 7-O(or 9-O)-methyl
Benzoate-CoA ligase inhibitor	0,671	0,044	CYP2H substrate
Antimetastatic	0,630	0,008	Sulfite oxidase inhibitor
Antiulcerative	0,681	0,060	CYP2C12 substrate
Preneoplastic conditions treatment	0,627	0,009	5 Hydroxytryptamine release inhibitor
Antiviral (Hepatitis B)	0,621	0,003	Glucan 1,4-beta-glucosidase inhibitor
Antibacterial	0,634	0,016	Linoleate diol synthase inhibitor
Caspase 8 stimulant	0,628	0,010	Lactase inhibitor
Antiviral (Influenza)	0,621	0,004	Acylphosphatase inhibitor
Aspartyltransferase inhibitor	0,625	0,010	Malate dehydrogenase (acceptor)
1-Alkylglycerophosphocholine O-acetyltransferase inhibitor	0,637	0,025	Proteasome ATPase inhibitor
Chlordecone reductase inhibitor	0,627	0,021	Manganese peroxidase inhibitor
Transcription factor stimulant	0,618	0,013	Peptide-N4-(N-acetyl-beta-glucosaminide)
Transcription factor NF kappa B stimulant	0,606	0,006	Wound healing agent
Expectorant	0,622	0,023	CYP3A2 substrate
Diphosphomevalonate decarboxylase inhibitor	0,604	0,007	Phosphopantothenoilcysteine decarboxylase
Antipsoriatic	0,600	0,004	Lactose synthase inhibitor
Fibrinolytic	0,608	0,013	Chitinase inhibitor
Radiosensitizer	0,612	0,018	NAD(P)+-arginine ADP-ribosyltransferase
TNF expression inhibitor	0,600	0,007	Undecaprenyldiphospho-muramoyltransferase
Ecdysone 20-monooxygenase inhibitor	0,622	0,031	Alkylacetylgllycerophosphatase inhibitor
Thyroxine 5-deiodinase inhibitor	0,622	0,031	G-protein-coupled receptor kinase
Benzoylformate decarboxylase inhibitor	0,622	0,031	Beta-adrenergic receptor kinase inhibitor
CYP2C8 substrate	0,628	0,038	Acylcarnitine hydrolase inhibitor
Ubiquinol-cytochrome-c reductase inhibitor	0,613	0,024	Pterin deaminase inhibitor
CDP-diacylglycerol-serine O-phosphatidyltransferase	0,598	0,013	Mannan endo-1,4-beta-mannosidase
Phospholipase C inhibitor	0,584	0,001	D-arabinonolactone oxidase inhibitor
UGT1A1 substrate	0,605	0,022	Pullulanase inhibitor
Cyclic AMP agonist	0,586	0,004	Galacturan 1,4-alpha-galacturonidase

Aryl sulfotransferase inhibitor	0,597	0,017	Alkenylglycerophosphoethanolam
3-Dehydroquinone dehydratase inhibitor	0,581	0,003	Adenylyl-sulfate kinase inhibitor
Prephenate dehydrogenase inhibitor	0,617	0,041	Antineoplastic
Cytoprotectant	0,575	0,001	Sodium-dependent vitamin C tran
Alkenylglycerophosphoethanolamine hydrolase	0,579	0,006	Poly(3-hydroxybutyrate) depolyme
UGT1A substrate	0,611	0,038	Anaphylatoxin receptor antagonist
Glucan endo-1,3-beta-D-glucosidase inhibitor	0,593	0,021	CYP3A1 substrate
Myc inhibitor	0,579	0,012	Dolichyl-diphosphooligosaccharide
Beta-carotene 15,15'-monooxygenase inhibitor	0,614	0,049	Glutamyl endopeptidase II inhibitc
Dermatologic	0,568	0,004	Alpha-N-arabinofuranosidase inhi
3-Dehydroquinone synthase inhibitor	0,585	0,024	Hydrogen dehydrogenase inhibitor
CYP2C9 substrate	0,621	0,061	Polyporopepsin inhibitor
Sulfotransferase substrate	0,568	0,008	Mannose isomerase inhibitor
Radioprotector	0,576	0,016	Sulfite reductase inhibitor
UGT2B substrate	0,595	0,037	NADPH-cytochrome-c2 reductase
Antiviral (Rhinovirus)	0,567	0,009	Antiviral (Rhinovirus)
RNA synthesis inhibitor	0,564	0,007	Free radical scavenger
Cholesterol synthesis inhibitor	0,560	0,004	Apoptosis antagonist
Glutamate-5-semialdehyde dehydrogenase inhi	0,580	0,026	1,4-Lactonase inhibitor
Monophenol monooxygenase inhibitor	0,561	0,008	Hydroxylamine reductase (NADH)
P-glycoprotein substrate	0,574	0,021	Histidine N-acetyltransferase inhi
GST M substrate	0,563	0,010	D-xylulose reductase inhibitor
Gestagen antagonist	0,578	0,024	Ecdysone 20-monooxygenase inhi
ATPase inhibitor	0,565	0,015	Levanase inhibitor
CYP2J2 substrate	0,579	0,029	Apoptosis agonist
HIV-1 integrase (3'-Processing) inhibitor	0,556	0,007	CDP-diacylglycerol-glycerol-3-phos
Exoribonuclease II inhibitor	0,581	0,033	Lysine 2,3-aminomutase inhibitor
UDP-N-acetylglucosamine 4-epimerase inhibitor	0,573	0,026	ADP-thymidine kinase inhibitor
CYP3A5 substrate	0,564	0,018	Cardiovascular analeptic
Lactase inhibitor	0,551	0,009	Quinoprotein glucose dehydrogen
Fatty-acyl-CoA synthase inhibitor	0,574	0,033	Glucan endo-1,3-beta-D-glucosida
HIV-1 integrase inhibitor	0,544	0,006	Sclerosant
Cytostatic	0,541	0,008	Styrene-oxide isomerase inhibitor
Platelet adhesion inhibitor	0,610	0,079	CDP-glycerol glycerophosphotrans
HIV-1 integrase (Strand Transfer) inhibitor	0,544	0,015	Nitrite reductase (NO-forming) inh
CYP2C substrate	0,561	0,031	Membrane integrity antagonist
Phosphatidylcholine-retinol O-acyltransferase ir	0,557	0,029	Immunostimulant
DNA ligase (ATP) inhibitor	0,573	0,046	Complement factor D inhibitor
Pyruvate decarboxylase inhibitor	0,539	0,015	Peptidoglycan glycosyltransferase
CYP4A11 substrate	0,570	0,046	Protein-disulfide reductase (glutat
Melanin inhibitor	0,562	0,039	Platelet aggregation stimulant
Glucan 1,4-beta-glucosidase inhibitor	0,534	0,010	2-Oxoaldehyde dehydrogenase (N.
Antihypercholesterolemic	0,590	0,067	Glycosylphosphatidylinositol phos
RELA expression inhibitor	0,532	0,009	Protein-Npi-phosphohistidine-suga
CYP3A3 substrate	0,532	0,009	Sorbitol-6-phosphate 2-dehydroge
Antimutagenic	0,536	0,014	Acetylgalactosaminyl-O-glycosyl-gl
UGT2B4 substrate	0,540	0,018	Dextranase inhibitor

Vasoprotector	0,527	0,008	Alpha-N-acetylglucosaminidase in
Antiparasitic	0,560	0,041	HIF1A expression inhibitor
Antiviral (Herpes)	0,563	0,046	GST A substrate
Carminative	0,520	0,003	Thrombolytic
CYP2A6 substrate	0,539	0,022	CYP2A4 substrate
ICAM1 expression inhibitor	0,522	0,005	Glucan 1,6-alpha-glucosidase inhi
NADPH-cytochrome-c2 reductase inhibitor	0,554	0,039	Arginine 2-monooxygenase inhibit
Antidote	0,552	0,041	Glyceryl-ether monooxygenase inl
Antiinfective	0,555	0,045	Carboxypeptidase Taq inhibitor
CYP2B6 substrate	0,509	0,002	Vitamin
Mucinamylserine mucinaminidase inhibitor	0,521	0,014	Cyclomaltodextrinase inhibitor
Fructan beta-fructosidase inhibitor	0,514	0,009	Vitamin-K-epoxide reductase (war
GST P substrate	0,529	0,026	Lysostaphin inhibitor
4-Hydroxybenzoate 3-monooxygenase inhibitor	0,522	0,019	Antiulcerative
Steroid synthesis inhibitor	0,522	0,020	IgA-specific metalloendopeptidase
Antiinflammatory, intestinal	0,536	0,038	Nitrate reductase (cytochrome) in
3-Phytase inhibitor	0,526	0,028	Arylsulfate sulfotransferase inhibit
Antineoplastic (breast cancer)	0,516	0,021	Monodehydroascorbate reductase
2-Dehydropantoate 2-reductase inhibitor	0,514	0,021	(R)-Pantolactone dehydrogenase (
Formaldehyde transketolase inhibitor	0,522	0,031	Aspartate-phenylpyruvate transan
Fumarate reductase (NADH) inhibitor	0,492	0,002	Mannosyl-oligosaccharide 1,2-alf
Catechol oxidase inhibitor	0,541	0,051	Calcium channel (voltage-sensitive
Hyaluronic acid agonist	0,585	0,096	Membrane permeability inhibitor
Mannose isomerase inhibitor	0,496	0,008	Vomilenine glucosyltransferase inl
Gonadotropin antagonist	0,524	0,037	Leukopoiesis stimulant
Protein synthesis inhibitor	0,548	0,062	Nicotinic alpha2beta2 receptor an
Antiviral (Picornavirus)	0,523	0,041	Fragilysin inhibitor
Morphine 6-dehydrogenase inhibitor	0,499	0,017	Pyruvate decarboxylase inhibitor
Membrane permeability enhancer	0,571	0,090	Nootropic
Bilirubin oxidase inhibitor	0,520	0,039	Lipid metabolism regulator
Prostaglandin-E2 9-reductase inhibitor	0,494	0,015	Anthranilate-CoA ligase inhibitor
Leukotriene-B4 20-monooxygenase inhibitor	0,526	0,048	Venombin AB inhibitor
Formate-dihydrofolate ligase inhibitor	0,542	0,065	Antiseborrheic
Rubredoxin-NAD+ reductase inhibitor	0,516	0,040	Trans-acenaphthene-1,2-diol dehy
Xenobiotic-transporting ATPase inhibitor	0,493	0,016	Glycerol-3-phosphate dehydrogen
Antihelmintic	0,478	0,004	N-acetylneuraminatase lyase inhibi
GST P1-1 substrate	0,490	0,019	Phosphatidylcholine-sterol O-acylt
Aspulvinone dimethylallyltransferase inhibitor	0,492	0,023	Peptide alpha-N-acetyltransferase
UGT1A7 substrate	0,509	0,041	Aminobutyraldehyde dehydrogenas
Protein kinase stimulant	0,516	0,049	Glutathione thiolesterase inhibitor
Dehydro-L-gulonate decarboxylase inhibitor	0,471	0,005	Cholesterol synthesis inhibitor
CYP4A substrate	0,485	0,019	Membrane permeability enhancer
Antinociceptive	0,469	0,003	Riboflavin phosphotransferase inh
Antineoplastic (lung cancer)	0,502	0,038	Gluconate 5-dehydrogenase inhi
Alcohol O-acetyltransferase inhibitor	0,482	0,018	CDP-diacylglycerol-serine O-phosp
Keratolytic	0,487	0,025	Phosphoinositide 5-phosphatase ii
Levanase inhibitor	0,484	0,026	Pancreatic elastase inhibitor

Antipruritic, non-allergic	0,532	0,075	TP53 expression enhancer
CYP2A substrate	0,494	0,037	3-Hydroxybenzoate 6-monooxygenase inhibitor
Chemoprotective	0,489	0,033	CYP2F1 substrate
Chitosanase inhibitor	0,467	0,010	Polygalacturonase inhibitor
Platelet aggregation stimulant	0,461	0,006	Maltose-transporting ATPase inhibitor
EIF4E expression inhibitor	0,484	0,030	Apyrase inhibitor
UGT2B7 substrate	0,475	0,021	4-Coumarate-CoA ligase inhibitor
Menopausal disorders treatment	0,490	0,036	Alcohol O-acetyltransferase inhibitor
DNA synthesis inhibitor	0,471	0,018	DELTA14-sterol reductase inhibitor
Neurotrophic factor	0,457	0,004	Isoamylase inhibitor
Glucose oxidase inhibitor	0,475	0,022	Cytochrome-b5 reductase inhibitor
Retinoprotector	0,530	0,078	Kidney function stimulant
Glycerol-1-phosphatase inhibitor	0,475	0,023	Long-chain-aldehyde dehydrogenase inhibitor
Skin whitener	0,467	0,016	D-alanine 2-hydroxymethyltransferase inhibitor
1,4-Lactonase inhibitor	0,483	0,033	TNF expression inhibitor
Dolichyl-diphosphooligosaccharide-protein glycosyltransferase inhibitor	0,465	0,016	Protein-tyrosine sulfotransferase inhibitor
Antirickettsial	0,526	0,077	Pseudolysin inhibitor
Interleukin 2 agonist	0,480	0,031	Glyoxylate reductase inhibitor
Malate dehydrogenase inhibitor	0,456	0,009	Glycogen (starch) synthase inhibitor
NOS2 expression inhibitor	0,448	0,004	Protein-glucosylgalactosylhydroxylase inhibitor
Glucan 1,6-alpha-glucosidase inhibitor	0,473	0,029	Cytostatic
Phosphomevalonate kinase inhibitor	0,462	0,018	4-Hydroxymandelate oxidase inhibitor
Microtubule formation inhibitor	0,505	0,062	Cytoprotectant
Gluconate 2-dehydrogenase (acceptor) inhibitor	0,455	0,012	Methane monooxygenase inhibitor
CYP19A1 expression inhibitor	0,466	0,023	Antihelminthic (Nematodes)
Prunasin beta-glucosidase inhibitor	0,474	0,031	tRNA-pseudouridine synthase I inhibitor
CYP3A2 substrate	0,464	0,023	Glycerol-3-phosphate oxidase inhibitor
Antibiotic	0,450	0,009	Protein synthesis inhibitor
UGT1A6 substrate	0,446	0,006	4-Alpha-glucanotransferase inhibitor
Glutamyl endopeptidase II inhibitor	0,447	0,007	Anticataract
N-hydroxyarylamine O-acetyltransferase inhibitor	0,467	0,027	2-Hydroxymuconate-semialdehyde dehydrogenase inhibitor
CYP2C6 substrate	0,484	0,045	Muramoyltetrapeptide carboxypeptidase inhibitor
Angiogenesis stimulant	0,470	0,031	Steroid N-acetylglucosaminyltransferase inhibitor
Peptidyltransferase inhibitor	0,450	0,012	N-acetyllactosamine synthase inhibitor
1-Acylglycerol-3-phosphate O-acyltransferase inhibitor	0,463	0,026	3-Phytase inhibitor
Thymidylate 5'-phosphatase inhibitor	0,451	0,014	Alpha-1,6-mannosyl-glycoprotein 4-epimerase inhibitor
UGT2B12 substrate	0,539	0,104	Fibrinolytic
Glyoxylate oxidase inhibitor	0,439	0,005	Cystic fibrosis treatment
Ceramide glucosyltransferase inhibitor	0,462	0,029	Antimetastatic
Linoleate diol synthase inhibitor	0,440	0,009	Prunasin beta-glucosidase inhibitor
Dextranase inhibitor	0,451	0,020	Di-trans,poly-cis-decaprenylcistransferase inhibitor
Maillard reaction inhibitor	0,438	0,008	Ganglioside galactosyltransferase inhibitor
Levansucrase inhibitor	0,459	0,029	GABA aminotransferase inhibitor
CYP3A substrate	0,450	0,021	Phosphatidylglycerophosphatase inhibitor
Antithrombotic	0,437	0,008	Thyroxine 5-deiodinase inhibitor
NADPH-ferrihemoprotein reductase inhibitor	0,459	0,030	Antiviral (Influenza)
Cyclomaltodextrinase inhibitor	0,436	0,009	Aryl sulfotransferase inhibitor

Antiviral	0,431	0,004	Beta-glucosidase inhibitor
Aspergillus nuclease S1 inhibitor	0,435	0,008	2-Dehydropantoate aldolase inhib
Succinate-semialdehyde dehydrogenase [NAD(F	0,444	0,018	Phenylacetate-CoA ligase inhibitor
CYP2E1 inducer	0,566	0,140	Phobic disorders treatment
Mycothioli-S-conjugate amidase inhibitor	0,443	0,017	Non-steroidal antiinflammatory ag
Histidine kinase inhibitor	0,445	0,019	Transketolase inhibitor
Phosphatidylglycerophosphatase inhibitor	0,440	0,015	Lactaldehyde reductase inhibitor
Glycerol-3-phosphate dehydrogenase inhibitor	0,434	0,009	Ferredoxin-NADP+ reductase inhib
UGT1A9 substrate	0,451	0,027	Aspergillus nuclease S1 inhibitor
Aminobutyraldehyde dehydrogenase inhibitor	0,441	0,017	Mannitol-1-phosphatase inhibitor
Antileukemic	0,428	0,005	Neurotrophic factor enhancer
Peptidoglycan glycosyltransferase inhibitor	0,440	0,017	2,3-Dihydroxyindole 2,3-dioxygen
Adenomatous polyposis treatment	0,471	0,048	Beta glucuronidase inhibitor
Erythropoiesis stimulant	0,451	0,029	Antihypercholesterolemic
Respiratory analeptic	0,428	0,008	N-(5-amino-5-carboxypentanoyl)-l
Sphinganine kinase inhibitor	0,431	0,011	Sweetener
Pullulanase inhibitor	0,436	0,016	Glycine dehydrogenase (decarboxy
Histamine release stimulant	0,464	0,045	Formaldehyde transketolase inhib
Mannan endo-1,4-beta-mannosidase inhibitor	0,436	0,017	Levansucrase inhibitor
CYP3A4 inducer	0,491	0,073	Platelet adhesion inhibitor
CYP3A inducer	0,426	0,008	Paraoxonase substrate
P-benzoquinone reductase (NADPH) inhibitor	0,504	0,088	Fusarinine-C ornithinesterase inhib
Leukotriene-C4 synthase inhibitor	0,470	0,055	Lipoprotein lipase inhibitor
Cis-1,2-dihydro-1,2-dihydroxynaphthalene dehy	0,435	0,022	Chloride channel blocker
Opioid kappa 3 receptor antagonist	0,472	0,060	Phosphatidylcholine-retinol O-acyl
CYP3A4 substrate	0,415	0,003	Glucan 1,3-beta-glucosidase inhibi
Acetylgalactosaminyl-O-glycosyl-glycoprotein b	0,420	0,010	1,4-Alpha-glucan branching enzym
Chemosensitizer	0,481	0,071	General pump inhibitor
CYP2C9 inducer	0,428	0,017	Aryldialkylphosphatase inhibitor
Chitinase inhibitor	0,455	0,046	Phenol O-methyltransferase inhibi
Lysine 2,3-aminomutase inhibitor	0,414	0,005	Xylose isomerase inhibitor
Proteasome ATPase inhibitor	0,443	0,035	Rubredoxin-NAD+ reductase inhibi
Macrophage colony stimulating factor agonist	0,419	0,014	D-threo-aldose 1-dehydrogenase i
Apyrase inhibitor	0,455	0,051	CYP3A5 substrate
General pump inhibitor	0,418	0,014	Indoleacetaldoxime dehydratase ii
5-O-(4-coumaroyl)-D-quinat 3'-monooxygenas	0,420	0,017	Ferredoxin hydrogenase inhibitor
Antineoplastic (solid tumors)	0,435	0,034	Antimyopathies
Phosphoinositide 5-phosphatase inhibitor	0,433	0,031	Malate oxidase inhibitor
Manganese peroxidase inhibitor	0,430	0,029	N-acylmannosamine kinase inhibit
Acylcarnitine hydrolase inhibitor	0,406	0,005	Osteoarthritis treatment
2-Hydroxyquinoline 8-monooxygenase inhibitor	0,421	0,021	2,3,4,5-Tetrahydropyridine-2,6-dic
Electron-transferring-flavoprotein dehydrogena	0,464	0,065	Benzoate-CoA ligase inhibitor
Lysase inhibitor	0,433	0,034	Cis-1,2-dihydro-1,2-dihydroxynap
Aspartate-phenylpyruvate transaminase inhibiti	0,422	0,023	Immunomodulator
MAP kinase stimulant	0,452	0,055	Cyclic AMP agonist
N-acetylneuraminat 7-O(or 9-O)-acetyltransfer	0,411	0,015	Glucose 1-dehydrogenase inhibito
Membrane integrity antagonist	0,426	0,030	Mediator release inhibitor

Vasodilator, peripheral	0,425	0,030	Chitosanase inhibitor
Fusarinine-C ornithinesterase inhibitor	0,427	0,032	UDP-glucuronosyltransferase subs
RNA-directed RNA polymerase inhibitor	0,442	0,048	APOA1 expression enhancer
CYP2C8 inhibitor	0,419	0,024	Xylan endo-1,3-beta-xylosidase inf
Nucleotide metabolism regulator	0,416	0,023	4-Nitrophenylphosphatase inhibito
Protein-disulfide reductase (glutathione) inhibit	0,394	0,002	Aldose 1-epimerase inhibitor
CYP3A1 substrate	0,460	0,070	Antiviral (Picornavirus)
Alopecia treatment	0,474	0,083	Oxidoreductase inhibitor
CYP2C12 substrate	0,405	0,015	[acyl-carrier-protein] S-acetyltrans
Kidney function stimulant	0,418	0,028	Antiviral (Herpes)
Pseudolysin inhibitor	0,410	0,021	CYP2B11 substrate
5 Hydroxytryptamine uptake stimulant	0,432	0,044	Na+-transporting two-sector ATPa
	0,402	0,015	Alpha-amylase inhibitor
	0,432	0,045	Hydroxylamine oxidase inhibitor
	0,442	0,056	Alkane 1-monooxygenase inhibito
	0,419	0,035	NADPH-ferrihemoprotein reducta
	0,450	0,066	5 Hydroxytryptamine uptake stimu
	0,417	0,034	Sulfite dehydrogenase inhibitor
	0,398	0,018	Ethanolaminephosphotransferase
	0,384	0,004	Deoxyribonuclease I inhibitor
	0,397	0,017	Dihydroxy-acid dehydratase inhibi
	0,382	0,003	Isomaltulose synthase inhibitor
	0,395	0,016	Inorganic diphosphatase inhibitor
	0,467	0,088	Phthalate 4,5-dioxygenase inhibito
	0,413	0,034	P-benzoquinone reductase (NADP)
	0,418	0,040	CYP2E1 inducer
	0,420	0,043	Mycothioli-S-conjugate amidase inl
	0,387	0,011	Laminaribiose phosphorylase inhi
	0,397	0,022	4-Hydroxybenzoate nonaprenyltra
	0,459	0,084	Electron-transferring-flavoprotein
	0,388	0,013	Glucosamine-6-phosphate deamin
	0,433	0,058	CYP2D16 substrate
	0,406	0,031	Formate-dihydrofolate ligase inhi
	0,384	0,009	Endo-1,4-beta-xylanase inhibitor
	0,404	0,031	Glyoxylate oxidase inhibitor
	0,420	0,047	Acetylerase inhibitor
	0,379	0,007	ATPase stimulant
	0,416	0,043	1-Alkylglycerophosphocholine O-a
	0,430	0,058	Immunosuppressant
	0,408	0,036	Myc inhibitor
	0,390	0,018	Dynein ATPase inhibitor
	0,420	0,050	Cyclic AMP phosphodiesterase inh
	0,398	0,027	HCV IRES inhibitor
	0,402	0,032	Phosphatidylinositol diacylglycerol
	0,403	0,036	Leukotriene-C4 synthase inhibitor
	0,422	0,055	CYP2D15 substrate
	0,400	0,033	Poly(beta-D-mannuronate) lyase ir

	0,415	0,048	Plastoquinol-plastocyanin reductase inhibitor
	0,402	0,035	Nitrite reductase [NAD(P)H] inhibitor
	0,371	0,005	Lipoxygenase inhibitor
	0,429	0,063	4-Nitrophenol 2-monooxygenase inhibitor
	0,429	0,065	Trimethylamine-oxide aldolase inhibitor
	0,442	0,078	Chloride peroxidase inhibitor
	0,393	0,031	Coccolysin inhibitor
	0,441	0,079	Limulus clotting factor B inhibitor
	0,373	0,012	Peptidyltransferase inhibitor
	0,409	0,048	Simian immunodeficiency virus protease inhibitor
	0,391	0,030	UGT2B4 substrate
	0,378	0,017	N-acetyllactosaminide beta-1,3-N-acetylglucosaminidase inhibitor
	0,371	0,011	Cerebroside-sulfatase inhibitor
	0,429	0,070	Antipruritic, allergic
	0,382	0,024	Chemopreventive
	0,362	0,004	Oligo-1,6-glucosidase inhibitor
	0,362	0,004	Propanediol dehydratase inhibitor
	0,371	0,014	Galactokinase inhibitor
	0,369	0,012	Cellulose 1,4-beta-cellobiosidase inhibitor
	0,392	0,039	Adenylyl-sulfate reductase inhibitor
	0,365	0,013	Allantoate deiminase inhibitor
	0,362	0,011	Glucosyl transferase inhibitor
	0,381	0,031	DNA synthesis inhibitor
	0,378	0,027	Linoleoyl-CoA desaturase inhibitor
	0,402	0,053	CYP2C19 substrate
	0,356	0,007	Trehalose-phosphatase inhibitor
	0,366	0,017	UGT2B28 substrate
	0,384	0,035	3-Cyanoalanine hydratase inhibitor
	0,428	0,080	2-Hydroxyquinoline 8-monooxygenase inhibitor
	0,389	0,041	H ⁺ -transporting two-sector ATPase inhibitor
	0,370	0,023	Lipotropic
	0,386	0,042	Nucleoside oxidase (H ₂ O ₂ -forming) inhibitor
	0,353	0,010	Hydroxysteroid dehydrogenase inhibitor
inhibitor	0,406	0,063	Cholesterol antagonist
	0,379	0,036	CYP2A5 substrate
	0,377	0,036	Antibacterial
	0,416	0,074	Antianginal
	0,367	0,026	Glycerol 2-dehydrogenase (NADP ⁺) inhibitor
	0,444	0,103	Omptin inhibitor
	0,343	0,002	Beta-N-acetylhexosaminidase inhibitor
	0,354	0,013	Choline-sulfatase inhibitor
	0,381	0,040	DNA-(apurinic or apyrimidinic site) endonuclease inhibitor
	0,357	0,017	Metabolic disease treatment
	0,415	0,075	Histamine release stimulant
	0,367	0,027	Gamma-glutamyltransferase inhibitor
	0,373	0,034	ATP phosphoribosyltransferase inhibitor
	0,373	0,034	Undecaprenyl-phosphate mannosyltransferase inhibitor

0,347	0,008	Antispirochetal
0,372	0,033	Phosphatidate phosphatase inhibi
0,383	0,044	D-lactaldehyde dehydrogenase inh
0,361	0,024	Hyaluronic acid agonist
0,410	0,073	Radiosensitizer
0,428	0,091	NADPH peroxidase inhibitor
0,366	0,029	Procollagen N-endopeptidase inhi
0,397	0,060	Centromere associated protein inh
0,347	0,011	Cellulase inhibitor
0,369	0,033	Succinate-semialdehyde dehydrog
0,361	0,025	DNA ligase (ATP) inhibitor
0,356	0,020	Carnosine synthase inhibitor
0,351	0,017	Myosin-light-chain-phosphatase in
0,360	0,027	Oryzin inhibitor
0,348	0,016	Diacylglycerol cholinephosphotran
0,385	0,053	Leukotriene-B4 20-monooxygenas
0,347	0,015	Sterol 3-beta-glucosyltransferase i
0,356	0,024	ICAM1 expression inhibitor
0,365	0,034	Antiinflammatory, intestinal
0,334	0,004	Dextranucrase inhibitor
0,404	0,074	Peptide agonist
0,386	0,056	N-hydroxyarylamine O-acetyltrans
0,411	0,082	JAK2 expression inhibitor
0,343	0,014	Acetate-CoA ligase inhibitor
0,361	0,032	Uroporphyrinogen-III synthase inh
0,388	0,060	CYP2B5 substrate
0,344	0,017	Undecaprenyl-diphosphatase inhi
0,336	0,009	Cyclooxygenase substrate
0,361	0,035	Ethanolamine-phosphate cytidyl
0,388	0,062	CYP3A3 substrate
0,333	0,008	Glycerol dehydratase inhibitor
0,382	0,057	EIF4E expression inhibitor
0,349	0,025	Galactolipase inhibitor
0,326	0,003	Cellobiose phosphorylase inhibitor
0,385	0,063	HMOX1 expression enhancer
0,373	0,051	Creatininase inhibitor
0,339	0,018	Aureolysin inhibitor
0,359	0,038	Acidifying agent non gastric
0,356	0,035	Cancer associated disorders treatr
0,356	0,036	Histidinol-phosphatase inhibitor
0,362	0,043	NADH kinase inhibitor
0,336	0,017	Aspartyl aminopeptidase inhibitor
0,326	0,007	Alpha-L-rhamnosidase inhibitor
0,342	0,023	Alkylglycerophosphoethanolamine
0,348	0,030	Sphinganine-1-phosphate aldolase
0,342	0,024	Bisphosphoglycerate mutase inhi
0,339	0,021	Fumarate reductase (NADH) inhi

0,385	0,067	Gonadotropin antagonist
0,331	0,013	Acyl-CoA oxidase inhibitor
0,342	0,025	3-Demethylubiquinone-9 3-O-met
0,334	0,017	Inositol-polyphosphate 5-phospha
0,349	0,032	RNA synthesis inhibitor
0,327	0,010	Chitin synthase inhibitor
0,387	0,070	Anticonvulsant
0,383	0,066	L-glutamate oxidase inhibitor
0,343	0,028	2,6-Dihydroxypyridine 3-monooxy
0,401	0,086	CYP3A substrate
0,334	0,019	NAD+ synthase (glutamine-hydroly
0,356	0,042	Venom exonuclease inhibitor
0,323	0,010	UDP-glucose-hexose-1-phosphate
0,338	0,026	Glutaminase inhibitor
0,345	0,032	Oxidizing agent
0,414	0,103	Phospholipid-translocating ATPase
0,333	0,022	Antidote
0,362	0,052	IgA-specific serine endopeptidase
0,384	0,073	Cl--transporting ATPase inhibitor
0,320	0,010	Melanin inhibitor
0,323	0,013	Benzoylformate decarboxylase inh
0,342	0,033	Prenyl-diphosphatase inhibitor
0,368	0,059	CYP3A4 inducer
0,321	0,012	Acetylenecarboxylate hydratase in
0,337	0,028	Ubiquitin thiolesterase inhibitor
0,409	0,100	Alopecia treatment
0,379	0,070	Aldehyde oxidase inhibitor
0,408	0,100	27-Hydroxycholesterol 7alpha-mo
0,369	0,061	Dermatologic
0,326	0,018	Pectate lyase inhibitor
0,323	0,017	Glycerol-1-phosphatase inhibitor
0,329	0,022	3'-Nucleotidase inhibitor
0,416	0,110	CYP2C8 inhibitor
0,364	0,058	CYP3A inducer
0,317	0,012	Acetolactate decarboxylase inhibit
0,324	0,019	Tauropine dehydrogenase inhibito
0,402	0,097	Preneoplastic conditions treatmer
0,368	0,063	P-glycoprotein substrate
0,309	0,004	Beta galactosidase inhibitor
0,326	0,021	Ceramide glucosyltransferase inhi
0,329	0,024	Alcohol dehydrogenase [NAD(P)+]
0,392	0,087	Aspartyltransferase inhibitor
0,332	0,028	2,4-Dichlorophenol 6-monooxyger
0,338	0,035	Skin irritation, inactive
0,343	0,039	Hyponitrite reductase inhibitor
0,337	0,034	Myosin ATPase inhibitor
0,367	0,065	FMO1 substrate

0,366	0,064	MMP9 expression inhibitor
0,367	0,067	Antithrombotic
0,342	0,043	Arylesterase inhibitor
0,314	0,014	Alcohol oxidase inhibitor
0,303	0,005	5-Lipoxygenase inhibitor
0,344	0,047	4-Hydroxyphenylacetate 3-monoo
0,367	0,070	Menopausal disorders treatment
0,301	0,005	Antirickettsial
0,381	0,085	Dimethylargininase inhibitor
0,328	0,033	N-Acyl-D-aspartate deacylase inhibi
0,321	0,027	Aldehyde dehydrogenase (NADP+)
0,316	0,021	Lactate 2-monooxygenase inhibitor
0,347	0,053	Isopenicillin-N epimerase inhibitor
0,316	0,023	Transcription factor NF kappa A in
0,393	0,100	Lysase inhibitor
0,355	0,062	Cyanoalanine nitrilase inhibitor
0,300	0,008	HMG CoA synthase inhibitor
0,329	0,036	Thiopurine S-methyltransferase in
0,309	0,016	Glycerone-phosphate O-acyltransf
0,314	0,023	Cyclopropane-fatty-acyl-phospholi
0,349	0,057	Alcohol dehydrogenase (acceptor)
0,387	0,095	CYP3A4 substrate
0,349	0,058	RELA expression inhibitor
0,360	0,069	Cyclohexanone monooxygenase ir
0,352	0,062	Aspergillopepsin I inhibitor
0,319	0,029	Rhamnulose-1-phosphate aldolase
0,329	0,040	Threonine aldolase inhibitor
0,371	0,083	Nucleotide metabolism regulator
0,307	0,019	N-methyl-2-oxoglutaramate hydro
0,309	0,022	N6-methyl-lysine oxidase inhibitor
0,306	0,019	Growth stimulant
0,323	0,036	Xenobiotic-transporting ATPase in
0,344	0,057	Anesthetic general
0,316	0,030	Pappalysin-1 inhibitor
0,310	0,024	Antiprotozoal (Trichomonas)
0,313	0,027	Arylsulfatase inhibitor
0,332	0,047	Anticarcinogenic
0,296	0,012	Carnitine dehydratase inhibitor
0,309	0,025	Serratia marcescens nuclease inhi
0,350	0,066	All-trans-retinyl-palmitate hydro
0,290	0,007	Alpha,alpha-trehalose phosphoryl
0,285	0,003	Alpha-L-fucosidase inhibitor
0,370	0,087	Nicotine dehydrogenase inhibitor
0,349	0,066	Prostaglandin-A1 DELTA-isomeras
0,292	0,010	1,5-Anhydro-D-fructose reductase
0,295	0,013	Deoxyribonuclease X inhibitor
0,328	0,046	Antiviral (Poxvirus)

0,383	0,101	Histamine release inhibitor
0,295	0,014	Endoglycosylceramidase inhibitor
0,299	0,018	Pyruvate dehydrogenase (lipoamic
0,393	0,114	Antineoplastic (non-Hodgkin's lym
0,304	0,025	3-Carboxyethylcatechol 2,3-dioxyg
0,314	0,035	Myeloblastin inhibitor
0,305	0,027	Farnesyltranstransferase inhibitor
0,299	0,021	Alkylator
0,315	0,037	Horrilysin inhibitor
0,302	0,026	Mannosyl-glycoprotein endo-beta
0,298	0,023	Phosphatidate cytidyltransferase
0,317	0,042	Cutinase inhibitor
0,312	0,037	Adrenaline release stimulant
0,344	0,069	CYP1A substrate
0,301	0,026	Nucleoside-diphosphatase inhibito
0,293	0,019	Tropinesterase inhibitor
0,325	0,051	Glucan 1,4-alpha-maltotetrahydr
0,336	0,063	Antiviral (Adenovirus)
0,330	0,057	Opioid kappa 3 receptor antagonis
0,368	0,095	CYP2A1 substrate
0,312	0,039	Chaperonin ATPase inhibitor
0,370	0,098	Antihypoxic
0,308	0,036	Serine-pyruvate transaminase inhi
0,300	0,028	Glyoxylate reductase (NADP+) inhi
0,376	0,105	Erythropoiesis stimulant
0,318	0,047	Gluconolactonase inhibitor
0,360	0,090	CYP2C substrate
0,372	0,102	(R)-6-hydroxynicotine oxidase inhi
0,285	0,015	Iduronate-2-sulfatase inhibitor
0,301	0,032	Malate dehydrogenase inhibitor
0,308	0,039	N-(long-chain-acyl)ethanolamine c
0,303	0,035	4-Chlorobenzoyl-CoA dehalogenas
0,332	0,064	CYP7 inhibitor
0,291	0,024	FMN reductase inhibitor
0,291	0,024	Isopenicillin-N synthase inhibitor
0,316	0,050	DNA polymerase I inhibitor
0,271	0,005	L-fuconate dehydratase inhibitor
0,352	0,086	Caspase 8 stimulant
0,284	0,018	Sucrose-phosphate synthase inhib
0,276	0,010	Phenylalanine 4-hydroxylase inhib
0,285	0,020	Sulfate adenyltransferase (ADP) i
0,339	0,074	Mitochondrial processing peptidas
0,344	0,079	Gamma-guanidinobutyraldehyde c
0,330	0,066	Phosphatidylserine decarboxylase
0,292	0,028	Histone acetyltransferase inhibitor
0,267	0,003	Mannosidase inhibitor
0,281	0,017	Polynucleotide 5'-hydroxy-kinase i

0,370	0,106	Pin1 inhibitor
0,270	0,007	Alternansucrase inhibitor
0,273	0,011	Fructose-2,6-bisphosphate 2-phos
0,338	0,075	Antiinfective
0,332	0,069	Antifungal
0,288	0,026	Dolichyl-phosphatase inhibitor
0,341	0,079	Tpr proteinase (Porphyromonas gi
0,270	0,008	Galactosylgalactosylglucosylceram
0,297	0,035	Phosphoenolpyruvate mutase inhi
0,281	0,019	Diphosphomevalonate decarboxyl
0,282	0,020	Glutamin-(asparagin-)ase inhibitor
0,312	0,051	Bisphosphoglycerate phosphatase
0,279	0,019	ATPase inhibitor
0,275	0,016	Glycerol-3-phosphate O-acyltransf
0,336	0,076	Intermittent claudication treatme
0,347	0,088	Polyamine-transporting ATPase inl
0,300	0,041	Dolichyl-phosphate beta-glucosylt
0,294	0,035	L-glucuronate reductase inhibitor
0,271	0,012	Alpha-N-acetylgalactosaminidase i
0,285	0,027	Coenzyme-B sulfoethylthiotransfe
0,297	0,039	GABA C receptor agonist
0,321	0,065	Choline-phosphate cytidyltransfer
0,278	0,022	Dolichol kinase inhibitor
0,373	0,118	Thioredoxin inhibitor
0,277	0,022	Pyruvate dehydrogenase inhibitor
0,280	0,025	Aspartate-tRNA ligase inhibitor
0,310	0,056	Glutamate-tRNA ligase inhibitor
0,278	0,024	Shikimate 5-dehydrogenase inhibi
0,294	0,039	CYP2A3 substrate
0,333	0,079	Methylamine-glutamate N-methyl
0,278	0,024	Lipoxygenase substrate
0,278	0,024	N-acetylneuraminate 4-O-acetyltra
0,328	0,074	CYP2D2 inhibitor
0,322	0,069	Glutamine-phenylpyruvate transa
0,302	0,049	Dipeptidase E inhibitor
0,304	0,051	Ophthalmic drug
0,271	0,018	Acetoin dehydrogenase inhibitor
0,271	0,019	Glycerol dehydrogenase inhibitor
0,288	0,036	UGT2B17 substrate
0,306	0,054	Antiparasitic
0,256	0,004	Phosphatidylglycerol-membrane-c
0,284	0,033	2-Enoate reductase inhibitor
0,346	0,096	Biotinidase inhibitor
0,255	0,005	4-Carboxymethyl-4-methylbuteno
0,274	0,024	Aminocarboxymuconate-semialde
0,291	0,042	2-Hydroxy-3-oxoadipate synthase
0,269	0,021	Alkene monooxygenase inhibitor

	0,257	0,008	Isocitrate dehydrogenase (NAD+) i
	0,264	0,016	3-Ketovalidoxylamine C-N-lyase in
	0,257	0,008	2-Dehydropantolactone reductase
	0,262	0,014	Adrenergic, ophthalmic
	0,263	0,015	Pectin lyase inhibitor
	0,306	0,058	Carbon-monoxide dehydrogenase
	0,252	0,005	(R)-aminopropanol dehydrogenase
	0,339	0,092	Respiratory analeptic
	0,269	0,022	Formaldehyde dehydrogenase inh
	0,301	0,054	CYP2A2 substrate
	0,283	0,036	UGT2B7 substrate
	0,257	0,011	CDP-diacylglycerol-inositol 3-phos
	0,259	0,013	Protein kinase stimulant
	0,264	0,018	Acyloxyacyl hydrolase inhibitor
	0,335	0,090	Analeptic
	0,271	0,026	Phosphoenolpyruvate-protein phc
	0,335	0,090	CDK9/cyclin T1 inhibitor
	0,250	0,005	Amylo-alpha-1,6-glucosidase inhib
	0,266	0,021	Laxative
	0,271	0,027	Peptidylamidoglycolate lyase inhi
	0,269	0,025	CYP4F2 substrate
	0,265	0,020	Pyruvate carboxylase inhibitor
	0,304	0,060	Uterine relaxant
	0,260	0,016	Mevalonate kinase inhibitor
	0,346	0,103	CYP2C8 substrate
	0,282	0,039	Choleretic
	0,275	0,032	2-Acylglycerol O-acyltransferase ir
	0,291	0,049	Pancreatic ribonuclease inhibitor
	0,327	0,085	Histidine kinase inhibitor
	0,365	0,124	Fructose 5-dehydrogenase inhibito
	0,263	0,023	UGT2B9 substrate
	0,318	0,078	Chenodeoxycholoyltaurine hydroli
	0,247	0,007	Mannonate dehydratase inhibitor
	0,264	0,025	Anthranilate 3-monooxygenase (d
	0,268	0,029	Expectorant
	0,250	0,011	Triose-phosphate isomerase inhibi
ferase inhibitor	0,262	0,024	Ligase inhibitor
	0,283	0,044	Antihelmintic
	0,265	0,028	Antimycoplasmal
	0,258	0,021	UGT2B10 substrate
	0,269	0,033	Phenol 2-monooxygenase inhibito
	0,292	0,056	Cholestanetriol 26-monooxygenas
	0,293	0,058	Endopeptidase La inhibitor
	0,247	0,013	Xylan 1,4-beta-xylosidase inhibitor
	0,254	0,019	Asparagine-tRNA ligase inhibitor
	0,355	0,121	Glutamate-5-semialdehyde dehyd
	0,263	0,029	Hydroxymethylbilane synthase inh

0,237	0,004	Arabinogalactan endo-1,4-beta-ga
0,257	0,024	Mucolytic
0,258	0,025	Phenylpyruvate decarboxylase inh
0,248	0,015	O-acetylhomoserine aminocarbox'
0,270	0,038	O-aminophenol oxidase inhibitor
0,237	0,005	Mycodextranase inhibitor
0,247	0,014	Phosphofructokinase-1 inhibitor
0,239	0,007	Ketohexokinase inhibitor
0,283	0,051	GST M substrate
0,274	0,042	Poly(alpha-L-gulonate) lyase inh
0,286	0,055	Beta-carotene 15,15'-monooxyger
0,319	0,089	Bilirubin oxidase inhibitor
0,260	0,030	Choline kinase inhibitor
0,289	0,061	S-alkylcysteine lyase inhibitor
0,259	0,030	Alpha-glucuronidase inhibitor
0,287	0,059	Taurocyamine kinase inhibitor
0,287	0,059	Opheline kinase inhibitor
0,266	0,039	Tetrahydroxynaphthalene reducta
0,294	0,067	Antiprotozoal (Coccidial)
0,260	0,033	Penicillin amidase inhibitor
0,287	0,060	Rheumatoid arthritis treatment
0,240	0,014	Choline dehydrogenase inhibitor
0,261	0,035	Retinol dehydrogenase inhibitor
0,231	0,005	Tagaturonate reductase inhibitor
0,231	0,005	Fructuronate reductase inhibitor
0,242	0,017	Lysozyme inhibitor
0,263	0,038	Nitrate reductase inhibitor
0,286	0,061	Endothelial growth factor antagon
0,324	0,099	CYP2C9 inducer
0,247	0,023	Testosterone 17beta-dehydrogenat
0,289	0,065	Glycolate dehydrogenase inhibitor
0,300	0,076	Prostaglandin-E2 9-reductase inhi
0,282	0,059	Corticosteroid side-chain-isomeras
0,240	0,017	Phosphoglycerate mutase inhibito
0,245	0,023	Phosphoinositide phospholipase C
0,338	0,116	Fibrolase inhibitor
0,279	0,057	Prolyl aminopeptidase inhibitor
0,352	0,131	Neurotransmitter antagonist
0,240	0,020	Deoxyribose-phosphate aldolase i
0,241	0,021	Antibiotic
0,256	0,036	Alpha-Methylacyl-CoA racemase ir
0,286	0,067	Eye irritation, inactive
0,261	0,041	3-Methylbutanal reductase inhibit
0,264	0,045	Rhodotorulapepsin inhibitor
0,244	0,026	Thiamine-phosphate kinase inhibit
0,236	0,017	Alpha,alpha-trehalase inhibitor
0,252	0,034	Acetate kinase inhibitor

ferase inhibitor

0,228	0,010	Phosphoribulokinase inhibitor
0,235	0,018	Gaucher disease treatment
0,239	0,022	Phosphate acetyltransferase inhibi
0,268	0,051	Glutarate-semialdehyde dehydrog
0,278	0,062	Clavaminat synthase inhibitor
0,241	0,025	Retinyl-palmitate esterase inhibito
0,283	0,067	Thiol oxidase inhibitor
0,245	0,030	Acylglycerone-phosphate reductas
0,231	0,015	Glyceraldehyde-3-phosphate dehy
0,242	0,027	Diisopropyl-fluorophosphatase inf
0,239	0,025	ATP adenyltransferase inhibitor
0,299	0,086	Radioprotector
0,241	0,028	Phloroglucinol reductase inhibitor
0,273	0,060	NOS2 expression inhibitor
0,247	0,034	Rhizopuspepsin inhibitor
0,287	0,074	Arylmalonate decarboxylase inhibi
0,269	0,056	Benzaldehyde dehydrogenase (NA
0,234	0,021	Homoserine dehydrogenase inhibi
0,270	0,058	Carboxypeptidase D inhibitor
0,248	0,036	Leucine dehydrogenase inhibitor
0,246	0,035	2-Haloacid dehalogenase (configu
0,251	0,040	Snopalysin inhibitor
0,229	0,018	Geranylgeranyl-diphosphate gerar
0,322	0,111	CYP4A11 substrate
0,253	0,043	Arylamine N-acetyltransferase inh
0,252	0,042	Glutathione peroxidase inhibitor
0,213	0,003	Alpha,alpha-phosphotrehalase inh
0,233	0,023	Serine-phosphoethanolamine synt
0,229	0,020	Diiodophenylpyruvate reductase i
0,285	0,077	AR expression inhibitor
0,224	0,016	Glycerophosphocholine cholineph
0,227	0,019	Heparan-alpha-glucosaminide N-a
0,265	0,057	Dimethylmaleate hydratase inhibi
0,213	0,005	Inositol-3-phosphate synthase inhi
0,219	0,012	UDP-N-acetylglucosamine-dolichyl
0,274	0,068	Photosensitizer
0,278	0,072	N-methylhydantoinase (ATP-hydr
0,231	0,025	UGT2B18 substrate
0,256	0,051	Phospholipase A1 inhibitor
0,214	0,009	Phenylalanine-tRNA ligase inhibito
0,254	0,050	Anesthetic
0,210	0,007	High-mannose-oligosaccharide bet
0,285	0,082	Para amino benzoic acid antagonis
0,236	0,033	GDP-mannose 6-dehydrogenase ir
0,282	0,079	N-benzyloxycarbonylglycine hydro
0,347	0,145	Antidyskinetic
0,242	0,039	2-Oxoglutarate decarboxylase inhi

0,259	0,056	N-hydroxy-2-acetamidofluorene re
0,249	0,047	Acylaminoacyl-peptidase inhibitor
0,229	0,028	8-Amino-7-oxononanoate synthas
0,258	0,057	Antileukemic
0,242	0,041	Peptidyl-dipeptidase B inhibitor
0,290	0,089	CYP3A7 substrate
0,222	0,020	Glycerol-3-phosphate dehydrogen
0,220	0,019	UDP-glucose 4-epimerase inhibito
0,280	0,079	Macrophage stimulant
0,351	0,150	Thromboxane B2 antagonist
0,270	0,070	Tryptophan 2,3-dioxygenase inhibi
0,295	0,094	CYP2A6 substrate
0,239	0,038	Protein-synthesizing GTPase inhibi
0,268	0,068	Thiamine pyridinylase inhibitor
0,302	0,103	Leukopoiesis inhibitor
0,258	0,058	CYP2A11 substrate
0,302	0,104	CYP19A1 expression inhibitor
0,282	0,084	Pyroglutamyl-peptidase II inhibitor
0,201	0,005	Osmotic diuretic
0,341	0,144	Mucositis treatment
0,260	0,063	Yeast ribonuclease inhibitor
0,242	0,045	Alkylglycerone-phosphate synthas
0,227	0,031	Cysteine synthase inhibitor
0,226	0,031	ADP-ribosylarginine hydrolase inhi
0,280	0,086	Antiprotozoal (Amoeba)
0,212	0,018	Fructose-2,6-bisphosphate 6-phos
0,202	0,008	Urolithiasis treatment
0,234	0,040	(S)-3-hydroxyacid ester dehydroge
0,258	0,065	Meprin B inhibitor
0,247	0,054	Crotonoyl-[acyl-carrier-protein] hy
0,237	0,045	Laccase inhibitor
0,215	0,023	Lactaldehyde reductase (NADPH) i
0,221	0,028	Antihyperlipoproteinemic
0,202	0,009	Neolactotetraosylceramide alpha-
0,297	0,105	Retinoic acid metabolism inhibitor
0,277	0,085	Urethanase inhibitor
0,224	0,032	Antihypotensive
0,315	0,124	Dementia treatment
0,328	0,138	Sulfur reductase inhibitor
0,202	0,014	Phosphoenolpyruvate carboxykina
0,215	0,027	Antibiotic Glycopeptide-like
0,289	0,101	Hypolipemic
0,202	0,015	Sorbose dehydrogenase inhibitor
0,251	0,064	L-threonine 3-dehydrogenase inhi
0,258	0,071	CYP2E1 substrate
0,255	0,069	Morphine 6-dehydrogenase inhibi
0,218	0,032	(N-acetylneuraminy)-galactosylglu

0,243	0,057	Hemostatic
0,212	0,026	Isovaleryl-CoA dehydrogenase inhi
0,194	0,008	UDP-N-acetylglucosamine 2-epime
0,189	0,004	Glucan 1,4-alpha-glucosidase inhi
0,257	0,071	CYP2E substrate
0,252	0,067	Cyclohexyl-isocyanide hydratase ir
0,257	0,073	Aspartate-ammonia ligase inhibito
0,207	0,023	D-lactate dehydrogenase inhibitor
0,201	0,017	Dolichyl-phosphate beta-D-mannoc
0,219	0,035	3-Hydroxyphenylacetate 6-hydrox
0,187	0,004	Alpha-mannosidase inhibitor
0,219	0,035	Sulfur dioxygenase inhibitor
0,222	0,038	Ferrochelataze inhibitor
0,212	0,029	NAD+ kinase inhibitor
0,210	0,027	Lactosylceramide alpha-2,3-sialylti
0,198	0,015	CYP26A substrate
0,224	0,041	UGT1A5 substrate
0,211	0,029	Polar-amino-acid-transporting ATF
0,268	0,086	Tyrosine 3 hydroxylase inhibitor
0,198	0,016	Glycosylphosphatidylinositol diacy
0,264	0,083	CYP2B10 substrate
0,200	0,019	Adenylylsulphatase inhibitor
0,231	0,050	3-Hydroxy-4-oxoquinoline 2,4-dio
0,217	0,037	Mannan endo-1,6-alpha-mannosic
0,197	0,017	Galactoside 2-alpha-L-fucosyltrans
0,192	0,012	Homoserine O-succinyltransferase
0,192	0,012	Arabinose isomerase inhibitor
0,236	0,057	Antiseptic
0,222	0,042	UGT2B15 substrate
0,212	0,032	Glutathione S-transferase substrat
0,224	0,045	Glycine C-acetyltransferase inhibit
0,243	0,064	D-amino-acid dehydrogenase inhi
0,259	0,080	CYP1A1 substrate
0,287	0,108	1-Acylglycerol-3-phosphate O-acyl
0,204	0,026	Glucarate dehydratase inhibitor
0,199	0,021	Agmatinase inhibitor
0,196	0,019	Agaridine gamma-glutamyltransfer
0,245	0,068	Antiperistaltic
0,252	0,076	Peroxidase inhibitor
0,187	0,010	6-Phosphofructo-2-kinase inhibito
0,196	0,019	Antineoplastic antibiotic
0,279	0,103	Peptidyl-dipeptidase Dcp inhibitor
0,303	0,127	Caspase 3 stimulant
0,242	0,066	Pediculicide
0,225	0,050	(S)-3-amino-2-methylpropionate ti
0,206	0,031	Beta-ureidopropionase inhibitor
0,206	0,031	HIV-2 reverse transcriptase inhibit

0,225	0,051	UGT2B substrate
0,193	0,018	2-Oxoaldehyde dehydrogenase (N
0,209	0,034	Insecticide
0,257	0,083	Indanol dehydrogenase inhibitor
0,244	0,070	Proliferative diseases treatment
0,189	0,015	Sucrose synthase inhibitor
0,189	0,015	Uridine nucleosidase inhibitor
0,272	0,098	Naphthalene 1,2-dioxygenase inhi
0,272	0,098	Ferredoxin-NAD+ reductase inhibi
0,267	0,094	N-formylmethionyl-peptidase inhi
0,250	0,077	Antiviral (CMV)
0,211	0,038	D-Octopine dehydrogenase inhibit
0,193	0,020	Choline sulfotransferase inhibitor
0,256	0,084	Antiischemic
0,180	0,008	3-Dehydroquininate synthase inhibi
0,232	0,060	Magnesium-protoporphyrin IX mo
0,185	0,013	Capillary fragility treatment
0,196	0,024	NADH dehydrogenase inhibitor
0,304	0,132	Interleukin 2 agonist
0,198	0,026	Acetyl-CoA C-acyltransferase inhi
0,208	0,037	[phosphorylase] phosphatase inhi
0,213	0,043	Gastritis treatment
0,183	0,012	UGT2B11 substrate
0,246	0,076	Adenosine regulator
0,179	0,009	Secretase stimulant
0,179	0,009	Secretase alpha stimulant
0,211	0,042	Hydroxymethylglutaryl-CoA lyase i
0,279	0,109	Pro-opiomelanocortin converting c
0,212	0,043	3-Chloro-D-alanine dehydrochlorir
0,287	0,118	UGT2B12 substrate
0,196	0,028	Transcription factor NF kappa B inl
0,237	0,069	Nardilysin inhibitor
0,261	0,094	UGT1A9 substrate
0,208	0,041	Aryl-alcohol dehydrogenase (NADI
0,254	0,088	CYP2C6 substrate
0,237	0,071	CYP2G1 substrate
0,206	0,039	Quercetin 2,3-dioxygenase inhibito
0,263	0,097	CYP4A substrate
0,268	0,102	Antidiabetic
0,190	0,024	2-Amino adipate transaminase inhi
0,209	0,043	Restenosis treatment
0,204	0,039	Phenylalanine decarboxylase inhi
0,210	0,046	Gamma-butyrobetaine dioxygenas
0,182	0,018	Xanthommatin reductase inhibitor
0,200	0,036	DOPA decarboxylase inhibitor
0,227	0,063	Signal peptidase I inhibitor
0,206	0,042	CYP2A10 substrate

0,179	0,015	UDP-N-acetylglucosamine diphosp
0,169	0,005	Glucan 1,3-alpha-glucosidase inhi
0,235	0,072	Bothrolysin inhibitor
0,165	0,002	Plasminogen activator stimulant
0,176	0,014	Cytokine release inhibitor
0,181	0,019	Chondroitin 6-sulfotransferase inh
0,256	0,094	Hematopoietic inhibitor
0,231	0,070	Antipruritic, non-allergic
0,165	0,004	Amylosucrase inhibitor
0,341	0,179	Acetylcholine neuromuscular bloc
0,169	0,008	Epoxide hydrolase substrate
0,186	0,025	Sepiapterin reductase inhibitor
0,215	0,054	Severe acute respiratory syndrom
0,266	0,106	CYP2A substrate
0,229	0,069	Polyribonucleotide nucleotidyltr
0,171	0,012	Glycerophosphocholine phosphod
0,173	0,014	Deoxycytidine deaminase inhibitor
0,195	0,035	2,2-Dialkylglycine decarboxylase (p
0,188	0,029	VCAM1 expression inhibitor
0,187	0,028	Pyridoxine 5-dehydrogenase inhi
0,234	0,075	Acetylserotonin O-methyltransfer
0,195	0,036	Allantoinase inhibitor
0,179	0,021	6-Methylsalicylate decarboxylase i
0,177	0,019	Phosphoglycolate phosphatase inh
0,211	0,053	Glutamate 5-kinase inhibitor
0,207	0,049	tRNA nucleotidyltransferase inhi
0,204	0,046	Nitric oxide scavenger
0,176	0,019	CMP-N-acetylneuraminate monoo
0,238	0,081	Diamine N-acetyltransferase inhi
0,231	0,073	Gamma-D-Glutamyl-meso-diamino
0,211	0,054	Ferredoxin-nitrite reductase inhi
0,203	0,045	Lipoprotein disorders treatment
0,168	0,012	4-Hydroxy-4-methyl-2-oxoglutarat
0,197	0,041	Gentisate 1,2-dioxygenase inhibit
0,257	0,101	4-Methoxybenzoate monooxygen
0,180	0,024	Aspartate kinase inhibitor
0,205	0,049	Arachidonic acid antagonist
0,238	0,082	Vascular dementia treatment
0,165	0,009	Protein kinase C stimulant
0,190	0,034	Nitric-oxide synthase stimulant
0,166	0,010	Gentamicin 2''-nucleotidyltransfer
0,197	0,041	3-Oxadipate enol-lactonase inhi
0,204	0,049	Inulinase inhibitor
0,172	0,017	Imidazoleacetate 4-monooxygena
0,167	0,012	Reductase inhibitor
0,174	0,020	Beta-amylase inhibitor
0,175	0,021	Astringent

0,237	0,084	Cell wall biosynthesis inhibitor
0,178	0,024	Pyrimidine-deoxynucleoside 2'-dic
0,165	0,012	Glyceraldehyde-3-phosphate dehy
0,196	0,042	Transforming growth factor beta 1
0,207	0,053	Tentoxilysin inhibitor
0,202	0,048	L-amino-acid oxidase inhibitor
0,194	0,042	CYP2B18 substrate
0,194	0,042	Hippurate hydrolase inhibitor
0,267	0,115	CYP1A2 substrate
0,179	0,027	(S)-carnitine 3-dehydrogenase inhi
0,181	0,029	NAD(P)+ transhydrogenase (B-spe
0,188	0,037	Cholesterol oxidase inhibitor
0,173	0,022	D-malate dehydrogenase (decarb
0,170	0,019	Glycoprotein 3-alpha-L-fucosyltrar
0,225	0,075	Flavin-containing monooxygenase
0,190	0,040	Protein-S-isoprenylcysteine O-met
0,156	0,006	Peptidoglycan beta-N-acetylmurar
0,180	0,029	5-Aminolevulinate synthase inhibi
0,192	0,042	Adenylate kinase inhibitor
0,245	0,094	Antitoxic
0,188	0,038	GST T1-1 substrate
0,188	0,038	GST T substrate
0,184	0,034	Sulfate adenyltransferase inhibit
0,225	0,076	Antifibrinolytic
0,157	0,008	2-Dehydro-3-deoxy-phosphogluco
0,187	0,038	Malate-CoA ligase inhibitor
0,177	0,028	1-Aminocyclopropane-1-carboxyla
0,197	0,049	Penicillopepsin inhibitor
0,169	0,020	HIV-1 integrase (Overall Integratio
0,160	0,013	Galactosylceramidase inhibitor
0,172	0,025	Sepsis treatment
0,210	0,062	Polyneuridine-aldehyde esterase i
0,164	0,017	Carbamoyl-phosphate synthase (a
0,157	0,011	Fatty-acyl-ethyl-ester synthase inh
0,201	0,055	Guanidinoacetate N-methyltransfe
0,197	0,051	Tryptophan dimethylallyltransfera
0,285	0,138	S-formylglutathione hydrolase inhi
0,181	0,035	Carboxylesterase inhibitor
0,245	0,099	Skeletal muscle relaxant
0,238	0,092	Transcription factor inhibitor
0,222	0,077	Bontoxilysin inhibitor
0,205	0,060	Ribonucleoside triphosphate redu
0,189	0,044	Alcohol dehydrogenase (NADP+) ir
0,194	0,049	Glycerol dehydrogenase (NADP+) i
0,179	0,034	Adenylate cyclase stimulant
0,207	0,063	UGT1A1 substrate
0,167	0,023	2-Pyrocatechuate decarboxylase ir

0,195	0,051	Microtubule formation inhibitor
0,194	0,050	3,4-Dihydroxy-9,10-secoandrosta-
0,153	0,009	Aldose reductase inhibitor
0,246	0,102	Maillard reaction inhibitor
0,288	0,144	Fibrinogen receptor antagonist
0,155	0,011	[acetyl-CoA carboxylase] kinase inl
0,184	0,040	Glutamate synthase (ferredoxin) ir
0,199	0,055	Aldose reductase substrate
0,169	0,025	Biphenyl-2,3-diol 1,2-dioxygenase
0,160	0,016	Malate dehydrogenase (NADP+) ir
0,181	0,037	Acyl-lysine deacylase inhibitor
0,153	0,010	Alpha glucosidase inhibitor
0,248	0,105	MAP kinase kinase 4 inhibitor
0,153	0,010	Imidazoleglycerol-phosphate dehy
0,213	0,070	Retinal dehydrogenase inhibitor
0,249	0,106	Methylumbelliferyl-acetate deacei
0,226	0,083	Glycine amidinotransferase inhibit
0,325	0,183	Taurine dehydrogenase inhibitor
0,155	0,013	Beta-N-acetylgalactosaminidase in
0,160	0,018	Malyl-CoA lyase inhibitor
0,162	0,021	Glutamate dehydrogenase (NADP-
0,156	0,015	CDC25A inhibitor
0,171	0,029	DNA nucleotidylexotransferase inl
0,224	0,083	Dactylisin inhibitor
0,196	0,055	Trans-2-enoyl-CoA reductase (NAC
0,196	0,055	Pyruvate dehydrogenase (cytochr
0,279	0,138	Muscular dystrophy treatment
0,168	0,028	Dihydropyrimidinase inhibitor
0,202	0,061	Metallo-carboxypeptidase D inhibit
0,202	0,062	N-acetyl-gamma-glutamyl-phosph
0,148	0,008	Mannosyl-oligosaccharide glucosic
0,162	0,022	Bis(5'-adenosyl)-triphosphatase in
0,149	0,009	Lactaldehyde dehydrogenase inhi
0,222	0,082	Dopamine release stimulant
0,155	0,015	Beta-fructofuranosidase inhibitor
0,284	0,145	Spermidine dehydrogenase inhibit
0,196	0,057	Antineoplastic (lymphoma)
0,153	0,014	Glycerol kinase inhibitor
0,164	0,026	Valine dehydrogenase (NADP+) inl
0,165	0,027	CYP3A5 inducer
0,202	0,065	Biotin-CoA ligase inhibitor
0,202	0,065	6-Carboxyhexanoate-CoA ligase in
0,202	0,065	Homoaconitate hydratase inhibito
0,202	0,065	Triacetate-lactonase inhibitor
0,146	0,008	D-Serine ammonia-lyase inhibitor
0,199	0,062	2,4-Diaminopentanoate dehydrog
0,199	0,062	Lysine 6-dehydrogenase inhibitor

0,199	0,062	3-Hydroxybutyryl-CoA dehydroger
0,159	0,022	Ethanolamine kinase inhibitor
0,245	0,109	Adenomatous polyposis treatment
0,174	0,038	Estradiol 17alpha-dehydrogenase i
0,179	0,043	SMN2 expression enhancer
0,151	0,015	N-acetylglucosamine-6-phosphate
0,308	0,172	MAP kinase stimulant
0,161	0,025	Diacylglycerol kinase inhibitor
0,151	0,015	Ribulose-bisphosphate carboxylase
0,169	0,034	Thiol S-methyltransferase inhibitor
0,196	0,061	Acaricide
0,153	0,018	Glycoprotein-fucosylgalactoside al
0,210	0,076	Ornithine cyclodeaminase inhibitor
0,138	0,004	Sucrose-phosphate phosphatase ir
0,236	0,102	Glycine-tRNA ligase inhibitor
0,158	0,024	Ribonuclease inhibitor
0,238	0,104	Steroid synthesis inhibitor
0,217	0,083	Methanol dehydrogenase inhibitor
0,200	0,067	CYP4A2 substrate
0,183	0,049	Cyclamate sulfohydrolase inhibitor
0,157	0,025	Homocysteine desulfhydrase inhib
0,174	0,042	2,5-Dihydroxypyridine 5,6-dioxyge
0,195	0,063	Urate-ribonucleotide phosphoryla
0,206	0,074	Antiuremic
0,205	0,073	Arylacetonitrilase inhibitor
0,163	0,032	Coagulant
0,185	0,053	Bile-salt sulfotransferase inhibitor
0,177	0,046	BRAF expression inhibitor
0,172	0,040	4-Phytase inhibitor
0,162	0,030	Antineoplastic, alkylator
0,263	0,132	CYP2D6 substrate
0,169	0,037	Carboxymethylenebutenolidase in
0,203	0,072	15-Hydroxyprostaglandin-D dehyd
0,208	0,077	CYP1A2 inducer
0,232	0,101	Hepatoprotectant
0,159	0,028	Malate dehydrogenase (oxaloacet
0,169	0,039	Glutamate-1-semialdehyde 2,1-ar
0,150	0,020	Ribose-5-phosphate-ammonia liga
0,252	0,122	Enteropeptidase inhibitor
0,152	0,022	Thiamine-phosphate diphosphoryl
0,178	0,048	N-acetylneuraminase synthase inh
0,211	0,082	Aminomuconate-semialdehyde de
0,158	0,028	Nicotinamide-nucleotide adenylylt
0,173	0,044	Pantoate 4-dehydrogenase inhibit
0,211	0,082	Pseudouridylate synthase inhibitor
0,142	0,013	L-lactate dehydrogenase (cytochrc
0,145	0,017	Globoside alpha-N-acetylgalactosa

0,172	0,044	NAD(P)+ transhydrogenase (AB-sp
0,143	0,015	[hydroxymethylglutaryl-CoA reduc
0,171	0,043	Alpha-pinene-oxide decyclase inhi
0,150	0,023	Octadecanal decarbonylase inhibit
0,171	0,044	2-Nitropropane dioxygenase inhib
0,226	0,099	Angiogenesis stimulant
0,148	0,021	Vanillyl-alcohol oxidase inhibitor
0,168	0,042	Methylglutamate dehydrogenase i
0,145	0,018	N-acetylglucosamine kinase inhibit
0,215	0,088	Aspergillopepsin II inhibitor
0,251	0,125	4-Hydroxyproline epimerase inhibi
0,180	0,054	Aldehyde dehydrogenase inhibitor
0,155	0,029	Site-specific DNA-methyltransfera:
0,155	0,030	Gluconate dehydratase inhibitor
0,141	0,016	Phosphogluconate dehydrogenase
0,151	0,027	Succinate dehydrogenase inhibitor
0,198	0,074	Antihematotoxic
0,163	0,039	D-2-hydroxy-acid dehydrogenase i
0,143	0,019	Gluconokinase inhibitor
0,206	0,082	Carminative
0,143	0,019	Interleukin 10 antagonist
0,192	0,069	Anthelmintic (Fasciola)
0,229	0,105	Phospholipase C inhibitor
0,190	0,067	4-Hydroxyglutamate transaminase
0,172	0,048	Iodide peroxidase inhibitor
0,160	0,037	Galactoside O-acetyltransferase in
0,272	0,149	Vasodilator, coronary
0,162	0,039	Poly(ADP-ribose) glycohydrolase ir
0,139	0,016	Beta-Lysine 5,6-aminomutase inhi
0,167	0,044	Allophanate hydrolase inhibitor
0,183	0,061	Lombricine kinase inhibitor
0,136	0,014	Aspartate 1-decarboxylase inhibitc
0,188	0,065	Creatinine deaminase inhibitor
0,147	0,025	3-Oxosteroid 1-dehydrogenase inf
0,151	0,030	CYP2B4 substrate
0,160	0,039	L-lysine 6-transaminase inhibitor
0,142	0,021	Ribose-5-phosphate isomerase inh
0,199	0,077	Antimutagenic
0,153	0,032	D-glutamate oxidase inhibitor
0,136	0,015	Pyridoxamine-phosphate oxidase i
0,268	0,148	Superoxide dismutase inhibitor
0,151	0,031	Glycine transaminase inhibitor
0,166	0,046	Beta-cyclopiazonate dehydrogena:
0,162	0,043	Phenylacetaldehyde dehydrogena:
0,160	0,041	Succinic dehydrogenase inhibitor
0,137	0,018	Galactosylceramide sulfottransfera
0,153	0,034	Allantoicase inhibitor

0,172	0,053	Niemann-Pick C1-like 1 protein anti
0,231	0,112	Aldosterone antagonist
0,154	0,036	Trimethyllysine dioxygenase inhibi
0,130	0,012	Adrenaline agonist
0,165	0,046	Hepatocyte nuclear factor antagor
0,165	0,046	Hepatocyte nuclear factor 4 alpha
0,157	0,039	Saccharopine dehydrogenase (NAI
0,186	0,069	CYP1B substrate
0,174	0,056	3-Aminobutyryl-CoA ammonia-lya
0,142	0,025	Leukotriene agonist
0,148	0,031	Aconitate decarboxylase inhibitor
0,208	0,091	UGT1A6 substrate
0,139	0,022	Ribonuclease U2 inhibitor
0,137	0,020	GlutaminyI-tRNA synthase (glutam
0,184	0,068	6-Pyruvoyltetrahydropterin syntha
0,254	0,137	Lysyl oxidase inhibitor
0,160	0,044	Cysteine-S-conjugate beta-lyase in
0,148	0,032	Oxoglutarate dehydrogenase (lipo
0,156	0,040	Phosphonoacetate hydrolase inhi
0,130	0,015	Phosphoglucomutase inhibitor
0,141	0,026	2-Hydroxy-3-oxopropionate reduc
0,123	0,008	Fatty acid synthase inhibitor
0,277	0,163	Prion diseases treatment
0,193	0,079	Blasticidin-S deaminase inhibitor
0,128	0,013	Ca ²⁺ -transporting ATPase inhibito
0,150	0,035	Pantothenase inhibitor
0,135	0,021	3-Deoxy-7-phosphoheptulonate sy
0,222	0,108	X-methyl-His dipeptidase inhibitor
0,122	0,008	N-acetylglucosaminyldiphosphoun
0,212	0,098	Renal tissue kallikrein inhibitor
0,123	0,010	1-Alkyl-2-acetylglycerol O-acyltran
0,125	0,012	Paget's disease treatment
0,171	0,058	Tryptophan alpha,beta-oxidase in
0,208	0,095	Salicylate 1-monooxygenase inhibi
0,166	0,054	3-Hydroxyanthranilate oxidase inh
0,159	0,047	Glucan endo-1,3-alpha-glucosidase
0,181	0,069	3-Hydroxybenzoate 4-monooxyge
0,154	0,042	Sarcosine oxidase inhibitor
0,219	0,107	Platelet aggregation inhibitor
0,127	0,015	CYP26 substrate
0,133	0,021	Amino-acid racemase inhibitor
0,202	0,090	Aromatic-hydroxylamine O-acetylt
0,206	0,095	1,2-alpha-L-fucosidase inhibitor
0,241	0,130	CYP2B6 substrate
0,188	0,077	Camphor 1,2-monooxygenase inhi
0,171	0,060	Magnesium-protoporphyrin IX me
0,159	0,048	Selenocysteine lyase inhibitor

0,202	0,092	Carnitinamidase inhibitor
0,144	0,034	Malonate-semialdehyde dehydrog
0,155	0,045	Prephenate dehydrogenase inhibit
0,188	0,078	Tripeptidyl-peptidase I inhibitor
0,121	0,011	Hematinic
0,134	0,024	Chelator
0,217	0,107	DNA-3-methyladenine glycosylase
0,152	0,042	4,5-Dihydroxyphthalate decarboxy
0,146	0,036	Azobenzene reductase inhibitor
0,176	0,067	Allyl-alcohol dehydrogenase inhibi
0,135	0,025	2-Dehydro-3-deoxy-L-arabinonate
0,234	0,124	Thiosulfate dehydrogenase inhibit
0,147	0,038	Aryl-aldehyde dehydrogenase (NA
0,163	0,054	Isoquinoline 1-oxidoreductase inhi
0,121	0,013	Serine-tRNA ligase inhibitor
0,154	0,046	Interferon antagonist
0,148	0,040	Glycine receptor agonist
0,116	0,009	CMP-KDO synthase inhibitor
0,130	0,023	CYP4F substrate
0,205	0,097	Peroxidase substrate
0,175	0,068	Aminopeptidase Y inhibitor
0,135	0,028	Proline dehydrogenase inhibitor
0,249	0,142	CYP2D substrate
0,165	0,058	Inositol oxygenase inhibitor
0,153	0,046	Serine 3-dehydrogenase inhibitor
0,154	0,047	2-Oxoisovalerate dehydrogenase (
0,153	0,047	N4-(beta-N-acetylglucosaminy)-L-
0,150	0,043	Dethiobiotin synthase inhibitor
0,209	0,103	Oxytocic
0,159	0,053	Valine-tRNA ligase inhibitor
0,136	0,030	Pyridoxal kinase inhibitor
0,210	0,105	Antipyretic
0,109	0,004	Sucrose phosphorylase inhibitor
0,129	0,024	Succinate-hydroxymethylglutarate
0,137	0,032	Decylcitrate synthase inhibitor
0,148	0,043	Adenosylmethionine-8-amino-7-o;
0,146	0,041	Omega-amidase inhibitor
0,135	0,031	Anabolic
0,149	0,044	Interferon gamma antagonist
0,115	0,011	GMP synthase inhibitor
0,135	0,032	NMDA receptor polyamine site an
0,130	0,026	Oxaloacetate decarboxylase inhibi
0,132	0,029	Antibiotic Anthracycline-like
0,133	0,030	Cystathionine beta-lyase inhibitor
0,292	0,189	Antinociceptive
0,119	0,017	Malate synthase inhibitor
0,201	0,098	CYP1A1 inhibitor

0,178	0,075	Guanidinoacetase inhibitor
0,256	0,153	Endopeptidase So inhibitor
0,143	0,041	Glycine hydroxymethyltransferase
0,181	0,079	Ketol-acid reductoisomerase inhib
0,116	0,015	Alpha,alpha-trehalose phosphoryl
0,152	0,050	Creatine kinase inhibitor
0,103	0,002	Cholesterol absorption inhibitor
0,137	0,036	Cytosine deaminase inhibitor
0,124	0,023	Long-chain-fatty-acid-CoA ligase in
0,106	0,005	Glycerate kinase inhibitor
0,158	0,057	Iron-cytochrome-c reductase inhi
0,144	0,043	Choloylglycine hydrolase inhibitor
0,223	0,122	Aldehyde dehydrogenase (pyrrolo
0,149	0,048	Succinate-CoA ligase (ADP-forming
0,147	0,047	D-lactate dehydrogenase (cytochr
0,167	0,067	Gametolysin inhibitor
0,155	0,055	Glucuronolactone reductase inhi
0,147	0,047	Membrane dipeptidase inhibitor
0,119	0,020	3-Dehydroquinatase dehydratase in
0,109	0,010	Preterm labor treatment
0,174	0,075	Thimet oligopeptidase inhibitor
0,104	0,005	Dual specificity protein phosphata
0,112	0,014	Protein 30S ribosomal subunit inhi
0,165	0,066	Oxalate oxidase inhibitor
0,181	0,082	Proteasome endopeptidase compl
0,148	0,050	Radical formation agonist
0,183	0,085	Phenylalanine(histidine) transamir
0,143	0,045	Cholate-CoA ligase inhibitor
0,165	0,067	Trans-pentaprenyltranstransferase
0,229	0,131	CYP2C29 substrate
0,131	0,034	Rhodopsin kinase inhibitor
0,140	0,042	Guanidinodeoxy-scylo-inositol-4- μ
0,162	0,065	Gly-X carboxypeptidase inhibitor
0,105	0,008	UGT2B19 substrate
0,105	0,008	UGT2B30 substrate
0,105	0,008	UGT2B23 substrate
0,105	0,008	UGT2B4E substrate
0,105	0,008	UGT2B4D substrate
0,152	0,055	Homogentisate 1,2-dioxygenase ir
0,173	0,076	Aldehyde dehydrogenase 2 substr
0,127	0,030	Guanylate kinase inhibitor
0,120	0,024	Monocarboxylic acid transporter 1
0,120	0,024	Monocarboxylic acid transporter ii
0,104	0,009	Sucrose alpha-glucosidase inhibito
0,166	0,071	Acetylspermidine deacetylase inhi
0,131	0,036	Orotate reductase (NADPH) inhibi
0,111	0,016	Chitin deacetylase inhibitor

0,099	0,004	Glucose-6-phosphate isomerase ir
0,123	0,028	Isocitrate lyase inhibitor
0,113	0,018	Alpha-1,6-mannosyl-glycoprotein (
0,177	0,082	Guanidinoacetate kinase inhibitor
0,172	0,078	CDP-4-dehydro-6-deoxyglucose re
0,098	0,004	Riboflavin synthase inhibitor
0,116	0,022	2-Methylcitrate synthase inhibitor
0,135	0,041	Demethylsterigmatocystin 6-O-me
0,166	0,072	Catalase inhibitor
0,148	0,054	Prepilin peptidase inhibitor
0,148	0,054	Haloacetate dehalogenase inhibito
0,127	0,034	3-Hydroxybutyrate dehydrogenase
0,132	0,039	Cyclooxygenase 1 substrate
0,134	0,041	Creatinase inhibitor
0,126	0,033	CTP synthase inhibitor
0,188	0,096	Alanine-tRNA ligase inhibitor
0,150	0,057	Galactose 1-dehydrogenase (NADP
0,150	0,057	Beta-alanine-pyruvate transamina
0,131	0,039	Aerobactin synthase inhibitor
0,211	0,119	2-Haloacid dehalogenase inhibitor
0,145	0,053	Alcohol dehydrogenase substrate
0,173	0,081	Acetylornithine deacetylase inhibi
0,228	0,137	Cardiotonic
0,262	0,171	Amine dehydrogenase inhibitor
0,124	0,033	Acyl-CoA dehydrogenase (NADP+)
0,244	0,154	Loop diuretic
0,106	0,015	Altronate dehydratase inhibitor
0,158	0,067	(R,R)-butanediol dehydrogenase ir
0,101	0,011	Ceramidase inhibitor
0,095	0,005	Antiviral (Parainfluenza)
0,111	0,020	4-Pyridoxolactonase inhibitor
0,141	0,050	D-cysteine desulfhydrase inhibitor
0,111	0,021	Alpha,alpha-trehalose-phosphate :
0,125	0,035	Dichloromuconate cycloisomerase
0,179	0,090	Antiosteoporotic
0,104	0,014	mRNA (guanine-N7-)-methyltransf
0,121	0,031	Cell wall synthesis inhibitor
0,127	0,037	Polynucleotide adenylyltransferas
0,131	0,041	Nucleotidase inhibitor
0,139	0,050	Acyl-CoA hydrolase inhibitor
0,139	0,050	Palmitoyl-CoA hydrolase inhibitor
0,168	0,078	Antineoplastic (thyroid cancer)
0,134	0,044	L-ascorbate peroxidase inhibitor
0,097	0,008	Carboxy-cis,cis-muconate cyclase i
0,143	0,054	tRNA adenylyltransferase inhibitor
0,149	0,060	Saccharolysin inhibitor
0,118	0,029	6,7-Dihydropteridine reductase inl

0,147	0,058	Dihydrouracil dehydrogenase (NAI
0,130	0,041	Trimethylamine-N-oxide reductase
0,127	0,038	tRNA (cytosine-5-)-methyltransferase
0,125	0,037	Tyrosine-ester sulfotransferase inhibitor
0,098	0,010	Hydroxypyruvate reductase inhibitor
0,150	0,062	CYP4B substrate
0,144	0,056	Biotin carboxylase inhibitor
0,116	0,029	Aspartate-semialdehyde dehydrogenase
0,188	0,101	Opine dehydrogenase inhibitor
0,199	0,111	TRPA1 agonist
0,105	0,018	Quinate 5-dehydrogenase inhibitor
0,188	0,101	Mandelate 4-monooxygenase inhibitor
0,100	0,013	Alpha-1,6-mannosyl-glycoprotein 4-epimerase
0,201	0,114	Hematopoietic
0,212	0,125	Thiamine-triphosphatase inhibitor
0,111	0,024	4-Hydroxy-2-oxoglutarate aldolase
0,109	0,023	Glucosamine 6-phosphate N-acetyltransferase
0,096	0,010	4-Hydroxyphenylacetate 1-monooxygenase
0,176	0,089	Menstruation disorders treatment
0,127	0,041	Glutamate decarboxylase inhibitor
0,129	0,044	Cytochrome-c3 hydrogenase inhibitor
0,135	0,050	(R)-limonene 6-monooxygenase inhibitor
0,106	0,021	L-Iditol 2-dehydrogenase inhibitor
0,108	0,023	(S)-2-Methylmalate dehydratase inhibitor
0,142	0,058	CYP4B1 substrate
0,159	0,074	CNS active muscle relaxant
0,159	0,075	Procollagen C-endopeptidase inhibitor
0,138	0,054	Lysine 2-monooxygenase inhibitor
0,134	0,050	Glutamine-tRNA ligase inhibitor
0,142	0,058	Excitatory amino acid transporter
0,235	0,152	Nicotinate dehydrogenase inhibitor
0,111	0,027	Sulfinoalanine decarboxylase inhibitor
0,110	0,026	4-Hydroxybenzoate 3-monooxygenase
0,090	0,006	Phosphoglycerate phosphatase inhibitor
0,251	0,168	Antipruritic
0,090	0,006	Tartrate decarboxylase inhibitor
0,199	0,116	CYP2B substrate
0,143	0,061	Valine decarboxylase inhibitor
0,106	0,024	Pyruvate, phosphate dikinase inhibitor
0,111	0,029	Aminolevulinatase transaminase inhibitor
0,146	0,064	UGT1A7 substrate
0,109	0,027	Antidote, heavy metal
0,173	0,092	Thermitase inhibitor
0,085	0,004	Membrane-oligosaccharide glycosyltransferase
0,103	0,022	Lactate-malate transhydrogenase
0,092	0,011	Diphosphate-fructose-6-phosphate 1,6-bisphosphatase
0,101	0,020	Steroid sulfotransferase inhibitor

0,129	0,049	3-Methyl-2-oxobutanoate hydroxy
0,138	0,058	Carnitine 3-dehydrogenase inhibiti
0,109	0,029	S-methyl-5-thioribose kinase inhib
0,121	0,041	Glutamine-pyruvate transaminase
0,107	0,027	[myelin basic protein]-arginine N-r
0,109	0,029	1-Pyrroline-5-carboxylate dehydro
0,118	0,039	CMP-N-acylneuramate phospho
0,097	0,018	3-Methyl-2-oxobutanoate dehydr
0,229	0,150	Cardioprotectant
0,190	0,111	Hydroxylamine reductase inhibitor
0,128	0,048	Alkanal monooxygenase (FMN-link
0,135	0,056	Formate dehydrogenase inhibitor
0,126	0,047	Leucine transaminase inhibitor
0,226	0,148	Antiviral (Influenza A)
0,096	0,017	Mandelate racemase inhibitor
0,137	0,059	(S)-2-hydroxy-acid oxidase inhibiti
0,096	0,018	Malate dehydrogenase (decarboxy)
0,108	0,030	Alanine dehydrogenase inhibitor
0,123	0,045	2-Nitrophenol 2-monooxygenase i
0,111	0,033	Indole-3-acetaldehyde reductase (
0,129	0,051	Phosphoserine phosphatase inhibi
0,152	0,075	Glutamate (mGluR5) agonist
0,224	0,147	Analgesic stimulant
0,100	0,023	Mannitol-1-phosphate 5-dehydrog
0,134	0,057	Pyroglutamyl-peptidase I inhibitor
0,126	0,049	Asparaginase inhibitor
0,095	0,018	Inositol 1,4,5-triphosphate recept
0,082	0,006	Glucosylceramidase inhibitor
0,113	0,037	Cysteine transaminase inhibitor
0,172	0,096	GABA B receptor agonist
0,115	0,039	Deoxyribonuclease (pyrimidine dir
0,085	0,010	Protein N-acetylglucosaminyltrans
0,123	0,048	DNA-3-methyladenine glycosylase
0,094	0,019	Protein 50S ribosomal subunit inhi
0,124	0,049	Aspartate transaminase inhibitor
0,092	0,018	Nicotinate phosphoribosyltransfer
0,113	0,039	Thiosulfate sulfurtransferase inhib
0,110	0,036	Tyrosine 2,3-aminomutase inhibiti
0,090	0,017	Hydroxylysine kinase inhibitor
0,160	0,087	4-Chlorophenylacetate 3,4-dioxyg
0,121	0,047	Lactoylglutathione lyase inhibitor
0,091	0,018	D-lactate-2-sulfatase inhibitor
0,108	0,035	2-Methyleneglutarate mutase inhi
0,115	0,042	Leucine-tRNA ligase inhibitor
0,117	0,044	Cystathionine beta-synthase inhibi
0,092	0,019	Beta-1,4-mannosyl-glycoprotein 4-
0,107	0,034	Argininosuccinate lyase inhibitor

0,085	0,012	Antibiotic Aminoglycoside-like
0,160	0,088	CYP2D1 substrate
0,113	0,041	Threonine ammonia-lyase inhibitor
0,139	0,066	Aldehyde dehydrogenase (NAD+) i
0,107	0,034	Phosphomevalonate kinase inhibit
0,102	0,030	Isocitrate dehydrogenase (NADP+)
0,171	0,099	Septic shock treatment
0,155	0,083	Aspartoacylase inhibitor
0,090	0,018	GTP cyclohydrolase I inhibitor
0,089	0,017	Pyruvate, water dikinase inhibitor
0,108	0,037	Serine-glyoxylate transaminase inl
0,112	0,041	Nucleotide diphosphatase inhibito
0,084	0,013	Aldehyde dehydrogenase 1A2 inhi
0,105	0,034	tRNA (guanine-N2-)-methyltransfe
0,100	0,029	Cyanate hydratase inhibitor
0,108	0,038	Hypercalcemia treatment
0,104	0,034	2-Methylcitrate dehydratase inhib
0,237	0,168	Diuretic inhibitor
0,249	0,179	Antiinflammatory, ophthalmic
0,119	0,050	Aspartate-ammonia ligase (ADP-fc
0,093	0,023	Hydroperoxide dehydratase inhibi
0,100	0,031	Betaine-aldehyde dehydrogenase
0,124	0,055	Glycine N-acyltransferase inhibitor
0,143	0,074	Hypoxia inducible factor 1 alpha in
0,107	0,038	Saccharopine dehydrogenase (NAL
0,106	0,038	D-alanine transaminase inhibitor
0,144	0,075	Methylaspartate ammonia-lyase ir
0,073	0,005	Electron transport complex I inhibi
0,131	0,063	Adenylate cyclase inhibitor
0,116	0,048	Ornithine-oxo-acid transaminase i
0,193	0,125	Taurine-2-oxoglutarate transamin
0,092	0,024	Oxaloacetate tautomerase inhibito
0,252	0,185	Antinephritic
0,177	0,109	UGT1A substrate
0,181	0,114	Pitirilysin inhibitor
0,133	0,066	Skin whitener
0,077	0,010	4-Hydroxyphenylpyruvate dioxyge
0,212	0,145	3C-like protease (Human coronavi
0,080	0,014	Biotin-[methylmalonyl-CoA-carbo
0,071	0,005	NADPH oxidoreductase inhibitor
0,180	0,114	Antiviral (Hepatitis B)
0,091	0,025	Prostaglandin D2 agonist
0,089	0,024	Procollagen glucosyltransferase in
0,120	0,054	Coproporphyrinogen oxidase inhi
0,069	0,004	Beta glucosidase inhibitor
0,130	0,065	UGT2B1 substrate
0,091	0,026	Enoyl-CoA hydratase inhibitor

0,090	0,025	Pyruvate kinase inhibitor
0,145	0,080	N-Acyl-D-amino-acid deacylase inh
0,083	0,018	Glutamate (mGluR1) agonist
0,115	0,050	Ribitol 2-dehydrogenase inhibitor
0,127	0,062	Methionine decarboxylase inhibito
0,149	0,085	Mitochondrial intermediate peptic
0,095	0,031	[acyl-carrier-protein] S-malonyltra
0,114	0,050	Glutamate dehydrogenase inhibito
0,152	0,088	CYP2B1 substrate
0,078	0,014	Fructokinase inhibitor
0,084	0,021	Diiodotyrosine transaminase inhib
0,081	0,018	3'(2'),5'-Bisphosphate nucleotidas
0,089	0,026	Hydroxyquinol 1,2-dioxygenase inl
0,124	0,060	Cysteine desulfurase inhibitor
0,130	0,066	Myocardial ischemia treatment
0,091	0,028	NAD+ nucleosidase inhibitor
0,077	0,014	Pyridoxamine-oxaloacetate transa
0,085	0,022	Butyryl-CoA dehydrogenase inhibi
0,070	0,008	Orotidylate decarboxylase inhibito
0,155	0,093	Benzoate 4-monooxygenase inhibi
0,086	0,024	4-Hydroxybenzoate 1-hydroxylase
0,087	0,025	Methylthioadenosine nucleosidas
0,108	0,046	Glutamine synthetase inhibitor
0,087	0,025	NMN nucleosidase inhibitor
0,090	0,028	Methionine adenosyltransferase ir
0,121	0,060	3-Hydroxyacyl-CoA dehydrogenase
0,120	0,059	Inositol 1,4,5-trisphosphate 3-kina
0,193	0,132	Saluretic
0,133	0,072	Gingipain R inhibitor
0,170	0,109	Prostaglandin E1 antagonist
0,129	0,068	UGT1A8 substrate
0,147	0,086	Pyridoxine 4-oxidase inhibitor
0,108	0,047	CYP4A1 substrate
0,126	0,066	Thromboxane synthase stimulant
0,104	0,044	Glutathione-disulfide reductase inl
0,119	0,059	Adenine deaminase inhibitor
0,120	0,060	Aldehyde dehydrogenase [NAD(P)]
0,077	0,017	Nucleoside deoxyribosyltransferas
0,072	0,012	Formate C-acetyltransferase inhibi
0,094	0,034	Deoxycytidine kinase inhibitor
0,212	0,152	Opioid dependency treatment
0,089	0,029	4-Hydroxybenzoate decarboxylase
0,103	0,043	Glycine N-benzoyltransferase inhi
0,065	0,005	Rotamase (FKBP) inhibitor
0,064	0,005	Transaldolase inhibitor
0,119	0,060	CYP3C substrate
0,134	0,075	Clostripain inhibitor

0,083	0,025	Histidine-tRNA ligase inhibitor
0,076	0,018	Phosphoketolase inhibitor
0,130	0,072	N-carbamoyl-L-amino-acid hydrolase
0,091	0,033	Long-chain-acyl-CoA dehydrogenase
0,088	0,031	Citrate (Si)-synthase inhibitor
0,099	0,042	Muconate cycloisomerase inhibitor
0,078	0,022	Nicotinate-nucleotide diphosphorylase
0,081	0,025	Thioether S-methyltransferase inhibitor
0,093	0,037	Cysteine-tRNA ligase inhibitor
0,090	0,034	Aspartate carbamoyltransferase inhibitor
0,066	0,010	Fructose 5-dehydrogenase (NADP-dependent)
0,133	0,077	Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase
0,126	0,070	Phosphorylase b inhibitor
0,105	0,049	Pteridine reductase inhibitor
0,076	0,021	D-Alanine-poly(phosphoribitol) ligase
0,196	0,141	CYP2C11 substrate
0,079	0,024	UDP-glucose 6-dehydrogenase inhibitor
0,118	0,063	Formaldehyde dehydrogenase (glutathione-dependent)
0,172	0,117	Spasmolytic, Papaverin-like
0,170	0,116	CYP1A inducer
0,102	0,048	Heme oxygenase inhibitor
0,079	0,025	Prostaglandin agonist
0,140	0,086	Peptide-tryptophan 2,3-dioxygenase
0,190	0,136	CYP2B2 substrate
0,131	0,077	UGT1A10 substrate
0,058	0,005	ATPase (Vacuolar H+) inhibitor
0,059	0,006	Alpha-N-acetylgalactosaminide alpha-L-fucosyltransferase
0,115	0,062	Glucosamine-1-phosphate N-acetyltransferase
0,114	0,061	Sulfotransferase substrate
0,188	0,135	NF-E2-related factor 2 stimulant
0,120	0,067	DNA directed DNA polymerase inhibitor
0,256	0,204	RNA-directed RNA polymerase inhibitor
0,068	0,017	D(-)-tartrate dehydratase inhibitor
0,065	0,013	Thymidine-triphosphatase inhibitor
0,074	0,023	Tannase inhibitor
0,133	0,082	Catechol oxidase inhibitor
0,093	0,042	UDP-N-acetylmuramate dehydrogenase
0,089	0,038	Maleate hydratase inhibitor
0,114	0,064	Arginine deiminase inhibitor
0,068	0,017	CYP17 substrate
0,123	0,073	CYP19 substrate
0,080	0,030	dUTP diphosphatase inhibitor
0,100	0,050	D-proline reductase (dithiol) inhibitor
0,076	0,026	Cellulose synthase (UDP-forming)
0,082	0,033	N-acylneuraminate cytidylyltransferase
0,091	0,041	Cystathionine gamma-lyase inhibitor
0,088	0,038	ATP deaminase inhibitor

0,082	0,033	FAD diphosphatase inhibitor
0,111	0,062	Aspartate racemase inhibitor
0,069	0,020	Eicosanoid agonist
0,095	0,046	Pyrroline-5-carboxylate reductase
0,084	0,035	L-3-cyanoalanine synthase inhibitor
0,065	0,016	Na+ K+ transporting ATPase inhibitor
0,100	0,052	Sphingomyelinase inhibitor
0,089	0,041	3(or 17)beta-hydroxysteroid dehydrogenase inhibitor
0,064	0,016	Histone-arginine N-methyltransferase inhibitor
0,133	0,085	Acrosin inhibitor
0,080	0,031	Anesthetic inhalation
0,072	0,024	Stipitatonate decarboxylase inhibitor
0,062	0,015	N-acetylglucosaminyl diphosphodolichol synthase inhibitor
0,075	0,027	Acidifying agent gastric
0,101	0,053	SULT1A3 substrate
0,100	0,052	Acetoacetate decarboxylase inhibitor
0,107	0,060	Putrescine oxidase inhibitor
0,065	0,018	Glycolaldehyde dehydrogenase inhibitor
0,066	0,019	Phosphoribosylformylglycinamidine synthase inhibitor
0,139	0,092	Thioredoxin reductase inhibitor
0,059	0,012	Diphosphate-serine phosphotransferase inhibitor
0,068	0,021	Glucose-1-phosphate adenylyltransferase inhibitor
0,094	0,048	Scyllo-inosamine-4-phosphate aminotransferase inhibitor
0,102	0,056	Beta amyloid protein antagonist
0,211	0,164	(S)-6-hydroxynicotine oxidase inhibitor
0,063	0,017	Polyphosphate kinase inhibitor
0,150	0,104	UGT1A4 substrate
0,112	0,066	Deoxycytidylate 5-hydroxymethyltransferase inhibitor
0,103	0,057	GABA transporter 3 inhibitor
0,138	0,092	Protein synthesis stimulant
0,069	0,023	1-Phosphofructokinase inhibitor
0,153	0,108	Stromelysin 2 inhibitor
0,100	0,055	Protein kinase C inhibitor
0,050	0,005	Cyclomaltodextrin glucanotransferase inhibitor
0,083	0,039	Dihydrolipoamide S-acetyltransferase inhibitor
0,106	0,062	Aminoacylase inhibitor
0,104	0,060	Nicotinamidase inhibitor
0,079	0,035	Carnitine O-octanoyltransferase inhibitor
0,136	0,092	Subtilisin inhibitor
0,087	0,044	Glutamate synthase (NADPH) inhibitor
0,156	0,112	CTGF expression inhibitor
0,067	0,024	Phosphoglycerate dehydrogenase inhibitor
0,102	0,060	Glutamate (mGluR6) antagonist
0,081	0,038	Aralkylamine N-acetyltransferase inhibitor
0,107	0,065	Serine O-acetyltransferase inhibitor
0,113	0,070	Phosphatidylinositol 3-kinase stimulant
0,159	0,117	Vascular adhesion protein 1 inhibitor

0,113	0,070	Estrone sulfotransferase inhibitor
0,070	0,027	NAD+ diphosphatase inhibitor
0,060	0,017	[Isocitrate dehydrogenase (NADP+
0,168	0,126	Indolepyruvate C-methyltransfera:
0,191	0,149	Gingipain K inhibitor
0,074	0,032	Bacterial leucyl aminopeptidase in
0,102	0,060	Arylformamidase inhibitor
0,060	0,018	Microtubule stabilization
0,070	0,028	Protein kinase C alpha inhibitor
0,060	0,018	6-Phospho-beta-glucosidase inhibi
0,067	0,026	UGT2B20 substrate
0,154	0,113	Gallate decarboxylase inhibitor
0,158	0,117	Gastrointestinal motility stimulant
0,073	0,032	3-Hydroxyanthranilate 3,4-dioxyge
0,060	0,019	Bis(5'-nucleosyl)-tetraphosphatase
0,102	0,061	Antifungal enhancer
0,164	0,123	Stroke treatment
0,065	0,025	Propionate CoA-transferase inhibiti
0,048	0,008	Phosphopyruvate hydratase inhibi
0,065	0,025	Protein-glutamate O-methyltransf
0,069	0,029	ATP diphosphatase inhibitor
0,156	0,116	Endopeptidase inhibitor
0,174	0,134	Interleukin 10 agonist
0,104	0,064	Glutamate N-acetyltransferase inh
0,147	0,107	Antiarrhythmic
0,090	0,051	Guanidinopropionase inhibitor
0,086	0,047	Heat shock protein 70 antagonist
0,076	0,037	UGT2B7Y substrate
0,076	0,037	UGT2B7H substrate
0,192	0,153	3'-Demethylstaurosporine O-meth
0,081	0,042	Tryptophan-tRNA ligase inhibitor
0,080	0,041	CYP4F12 substrate
0,068	0,029	Catechol 2,3-dioxygenase inhibitor
0,124	0,085	5-Formyltetrahydrofolate cyclo-lig
0,106	0,068	Squalene epoxidase inhibitor
0,067	0,029	Tyrosine transaminase inhibitor
0,148	0,110	Atrolysin A inhibitor
0,102	0,065	Phosphoenolpyruvate carboxykina
0,060	0,022	Tubulin GTPase inhibitor
0,075	0,037	3-Hydroxydecanoyl-[acyl-carrier-p
0,107	0,069	Glutathione synthase inhibitor
0,074	0,037	Dihydrodipicolinate synthase inhi
0,060	0,023	UDP-N-acetylglucosamine-lysosom
0,066	0,029	Chalcone isomerase inhibitor
0,052	0,016	Glucose-1-phosphatase inhibitor
0,087	0,051	L-lysine oxidase inhibitor
0,068	0,032	Acyl-CoA dehydrogenase inhibitor

0,071	0,035	CDC25 phosphatase inhibitor
0,061	0,025	dCTP deaminase inhibitor
0,083	0,047	SULT2A1 substrate
0,074	0,038	3,4-Dihydroxyphenylacetate 2,3-d
0,067	0,031	N-formylglutamate deformylase in
0,136	0,101	Tryptophanamidase inhibitor
0,067	0,032	2-Methyl-branched-chain-enoyl-Co
0,064	0,028	Biotin-[propionyl-CoA-carboxylase
0,083	0,048	Arginine decarboxylase inhibitor
0,061	0,025	AMP nucleosidase inhibitor
0,053	0,018	dCMP deaminase inhibitor
0,084	0,049	Biliverdin reductase inhibitor
0,088	0,054	4-Hydroxybenzoate-CoA ligase inh
0,065	0,030	Deoxyadenosine kinase inhibitor
0,083	0,048	11-Cis-retinyl-palmitate hydrolase
0,076	0,042	L-Serine ammonia-lyase inhibitor
0,081	0,046	Sphingosine 1-phosphate receptor
0,110	0,076	Phospholipase A2 inhibitor
0,056	0,023	Adenylosuccinate lyase inhibitor
0,050	0,016	Antimitotic, Podophyllotoxin-like
0,048	0,015	Small monomeric GTPase inhibitor
0,037	0,004	NADH oxidase inhibitor
0,099	0,066	Alanine racemase inhibitor
0,102	0,069	Butyrate-CoA ligase inhibitor
0,147	0,115	Cyclopentanone monooxygenase i
0,088	0,056	Haloalkane dehalogenase inhibitor
0,052	0,020	Polypeptide N-acetylgalactosamin
0,110	0,078	Antitreponemal
0,073	0,041	Branched-chain-amino-acid transa
0,058	0,026	Nucleoside-triphosphate-adenylat
0,173	0,141	Muscle relaxant
0,157	0,125	P-glycoprotein 1 inhibitor
0,085	0,054	3-Isopropylmalate dehydrogenase
0,092	0,061	2-Aminoethylphosphonate-pyruva
0,075	0,043	Fumarylacetoacetase inhibitor
0,049	0,018	Glutaryl-CoA dehydrogenase inhib
0,069	0,038	Asparagine-oxo-acid transaminase
0,050	0,019	Phosphoenolpyruvate carboxykinase
0,047	0,016	Endo-beta-N-acetylglucosaminidase
0,056	0,025	3-Phosphoshikimate 1-carboxyvinyl
0,046	0,015	Glycolipid 3-alpha-mannosyltransf
0,079	0,048	Beta 1 adrenoreceptor agonist
0,072	0,041	Formimidoylglutamase inhibitor
0,099	0,068	Chloramphenicol O-acetyltransferase
0,130	0,100	Tryptophan transaminase inhibitor
0,074	0,044	Purine biosynthesis inhibitor
0,079	0,049	DNA methylase inhibitor

0,056	0,026	Deoxyguanosine kinase inhibitor
0,126	0,096	Cytosol alanyl aminopeptidase inh
0,092	0,062	Aromatic-amino-acid transaminas
0,051	0,021	Neuraminidase inhibitor
0,049	0,020	Glycogenin glucosyltransferase inh
0,087	0,057	Argininosuccinate synthase inhibit
0,046	0,017	Fucokinase inhibitor
0,051	0,022	Bis(5'-nucleosyl)-tetraphosphatase
0,122	0,093	Candidapepsin inhibitor
0,068	0,039	Proline racemase inhibitor
0,101	0,072	Histidine decarboxylase inhibitor
0,047	0,018	HMG CoA reductase inhibitor
0,049	0,020	Chelator, Iron
0,121	0,092	Protein-glutamate methylesterase
0,121	0,093	Cycloartenol synthase inhibitor
0,049	0,020	UDP-sugar diphosphatase inhibito
0,062	0,033	Plus-end-directed kinesin ATPase i
0,071	0,043	3-Alpha-hydroxysteroid dehydroge
0,168	0,140	Gestagen antagonist
0,099	0,071	D-Ornithine 4,5-aminomutase inhi
0,106	0,079	CYP19 inhibitor
0,074	0,046	L-aminoadipate-semialdehyde def
0,059	0,032	Uracil phosphoribosyltransferase i
0,114	0,086	Xaa-Pro dipeptidyl-peptidase inhi
0,041	0,013	[Skp1-protein]-hydroxyproline N-a
0,086	0,058	HIV-1 integrase inhibitor
0,042	0,014	Homoisocitrate dehydrogenase inl
0,076	0,049	Glutamate dehydrogenase [NAD(P
0,072	0,045	Glutamate (mGluR8) agonist
0,053	0,027	CYP3A11 substrate
0,047	0,021	Phosphoserine transaminase inhib
0,063	0,037	Adenylosuccinate synthase inhibi
0,057	0,032	Methylcrotonoyl-CoA carboxylase
0,042	0,018	Ribosylpyrimidine nucleosidase inl
0,029	0,005	CYP11B1 substrate
0,041	0,017	Protein phosphatase 2A inhibitor
0,126	0,103	Leucolysin inhibitor
0,047	0,024	[hydroxymethylglutaryl-CoA reduc
0,156	0,133	Antitussive
0,044	0,020	Bacillus subtilis ribonuclease inhi
0,087	0,064	tRNA (guanine-N1-)-methyltransfe
0,043	0,020	Uridine kinase inhibitor
0,047	0,024	Oligonucleotidase inhibitor
0,034	0,011	Tartrate dehydrogenase inhibitor
0,063	0,040	Linoleate isomerase inhibitor
0,112	0,089	3-Isopropylmalate dehydratase inl
0,097	0,074	Kexin inhibitor

0,060	0,037	Carbamoyl-serine ammonia-lyase
0,040	0,018	Ethanolamine ammonia-lyase inhibi
0,040	0,018	Ribose-5-phosphate adenylyltrans
0,053	0,031	Cytidylate kinase inhibitor
0,096	0,074	CYP1A3 substrate
0,191	0,169	CYP2C18 substrate
0,064	0,043	3-Oxoacid CoA-transferase inhibiti
0,063	0,042	Erythro-3-hydroxyaspartate ammc
0,056	0,035	CYP24 substrate
0,079	0,057	Catechol 1,2-dioxygenase inhibitor
0,138	0,117	Antiparkinsonian, tremor relieving
0,068	0,047	Tubulin-tyrosine ligase inhibitor
0,213	0,193	CYP2C9 substrate
0,098	0,078	Anthranilate phosphoribosyltransf
0,060	0,040	Glutamate formimidoyltransferase
0,150	0,130	Urticaria treatment
0,061	0,041	UDP-glucuronate decarboxylase in
0,051	0,032	[3-methyl-2-oxobutanoate dehydr
0,140	0,120	Leishmanolysin inhibitor
0,070	0,050	Pantoate-beta-alanine ligase inhib
0,116	0,097	Interleukin 4 antagonist
0,095	0,076	Homocitrate synthase inhibitor
0,053	0,034	Malate dehydrogenase (oxaloacet
0,045	0,026	Androst-4-ene-3,17-dione monoo
0,116	0,098	Anticoagulant
0,111	0,093	Peptidyl-Lys metalloendopeptidas
0,118	0,100	Aldehyde ferredoxin oxidoreducta
0,063	0,045	UDP-N-acetylmuramoylalanine-D- ₁
0,069	0,051	Threonine-tRNA ligase inhibitor
0,066	0,049	Ornithine carbamoyltransferase in
0,044	0,026	GMP reductase inhibitor
0,091	0,074	Dihydrouracil oxidase inhibitor
0,036	0,019	Alpha-1,3-mannosyl-glycoprotein :
0,219	0,202	Retinoprotector
0,053	0,037	Glutamate (mGluR3) agonist
0,120	0,104	Plasmanyethanolamine desaturas
0,032	0,016	Phytanoyl-CoA dioxygenase inhibit
0,071	0,055	Succinate-semialdehyde dehydrog
0,033	0,018	Glutamate (mGluR1a) agonist
0,033	0,018	Glutamate (mGluR5a) agonist
0,205	0,190	Antiprotozoal (Leishmania)
0,072	0,056	Glutathione S-transferase inhibitor
0,040	0,025	Nucleoside phosphoacylhydrolase
0,119	0,104	Antihemorrhagic
0,087	0,072	Granulocyte macrophage colony s
0,116	0,102	Carboxypeptidase E inhibitor
0,032	0,017	Nucleotidyltransferase inhibitor

0,070	0,055	CYP2C2 substrate
0,044	0,030	Actin depolymerization stimulant
0,040	0,026	ATP citrate lysase inhibitor
0,104	0,091	Antineoplastic antimetabolite
0,042	0,029	Strombine dehydrogenase inhibitor
0,047	0,034	Fumarate hydratase inhibitor
0,049	0,036	3-Galactosyl-N-acetylglucosaminid
0,072	0,059	Trans-octaprenyltranstransferase i
0,235	0,222	Vasodilator, peripheral
0,029	0,017	Mannokinase inhibitor
0,069	0,057	Lactamase C inhibitor
0,032	0,020	D-Alanine-alanyl-poly(glycerolpho:
0,035	0,023	Cortisol sulfotransferase inhibitor
0,034	0,022	N-acetyllactosaminide beta-1,6-N-
0,045	0,033	Pregnane X receptor antagonist
0,031	0,019	Pyruvate synthase inhibitor
0,179	0,169	Anti-Helicobacter pylori
0,028	0,018	Alpha glucosidase I inhibitor
0,358	0,348	Gluconate 2-dehydrogenase (acce
0,029	0,020	Pantothenate kinase inhibitor
0,066	0,056	NAD(P)H dehydrogenase (quinone
0,146	0,136	Aryl-acylamidase inhibitor
0,018	0,009	Calcineurin inhibitor
0,043	0,034	Betaine-homocysteine S-methyltra
0,148	0,138	Bone diseases treatment
0,074	0,065	Retinol O-fatty-acyltransferase inh
0,121	0,112	N-Carbamoyl-D-amino acid hydrol
0,049	0,040	Aspartate ammonia-lyase inhibitor
0,079	0,071	Macrophage migration inhibitory f
0,102	0,093	Beta lactamase inhibitor
0,119	0,111	Corticosteroid antagonist
0,131	0,123	Glucuronate isomerase inhibitor
0,035	0,027	Phosphoglycerate kinase inhibitor
0,036	0,028	Amidophosphoribosyltransferase i
0,029	0,020	Streptomycin 6-kinase inhibitor
0,033	0,025	Gentamicin 3'-N-acetyltransferase
0,037	0,029	Ribose-phosphate diphosphokinas
0,042	0,034	Asparagine synthase (glutamine-h
0,044	0,036	S-methyl-5-thioadenosine phospho
0,086	0,078	Methylenetetrahydrofolate dehyd
0,091	0,083	Cholestenone 5alpha-reductase in
0,052	0,044	Sepiapterin deaminase inhibitor
0,109	0,102	Lanosterol 14 alpha demethylase i
0,035	0,029	L(+)-Tartrate dehydratase inhibitor
0,031	0,025	tRNA (guanine-N7-)-methyltransfe
0,027	0,021	GRP78 expression inhibitor
0,150	0,144	Complement inhibitor

0,077	0,071	tRNA cytidyltransferase inhibitor
0,021	0,016	Sphingosine kinase stimulant
0,042	0,037	Arginine-tRNA ligase inhibitor
0,054	0,049	N-acetylmuramoyl-L-alanine amide
0,126	0,121	Aminopeptidase B inhibitor
0,051	0,046	Assemblin inhibitor
0,054	0,050	Urate transporter 1 inhibitor
0,075	0,071	Aminopeptidase I inhibitor
0,032	0,028	2-(acetamidomethylene)succinate
0,013	0,009	Demethylmacrocin O-methyltransferase
0,010	0,006	CYP11B2 substrate
0,034	0,031	Procollagen galactosyltransferase
0,012	0,008	CDP-glycerol diphosphatase inhibitor
0,076	0,073	Homocysteine S-methyltransferase
0,012	0,009	Actin polymerization inhibitor
0,045	0,042	Spermidine synthase inhibitor
0,012	0,009	Mannitol 2-dehydrogenase inhibitor
0,029	0,026	Orsellinate decarboxylase inhibitor
0,023	0,020	Beta-galactoside alpha-2,3-sialyltransferase
0,026	0,023	Theanine hydrolase inhibitor
0,020	0,018	Nucleotidyltransferase (FIV) inhibitor
0,008	0,006	CYP11B substrate
0,037	0,035	Orotate phosphoribosyltransferase
0,110	0,107	Tripeptide aminopeptidase inhibitor
0,023	0,021	Dolichyldiphosphatase inhibitor
0,050	0,048	CDC25B inhibitor
0,144	0,142	Mucorpepsin inhibitor
0,006	0,004	Transcription factor rho inhibitor
0,007	0,005	Myelin associated glycoprotein analog
0,087	0,084	Alanine transaminase inhibitor
0,034	0,032	2-Methylacyl-CoA dehydrogenase
0,152	0,150	Uric acid excretion stimulant
0,041	0,039	Glucose-1,6-bisphosphate synthase
0,044	0,042	5'-Nucleotidase inhibitor
0,034	0,033	Riboflavin kinase inhibitor
0,117	0,115	5 Hydroxytryptamine 2A agonist
0,066	0,064	4a-Hydroxytetrahydrobiopterin dehydrogenase
0,075	0,073	Nitrile hydratase inhibitor
0,037	0,035	Carbonic anhydrase XIV inhibitor
0,011	0,010	Macrocin O-methyltransferase inhibitor
0,027	0,026	Chitobiosyldiphosphodolichol beta-1,4-galactosyltransferase
0,078	0,077	Lysine decarboxylase inhibitor
0,069	0,068	Dopachrome isomerase inhibitor
0,012	0,012	Kanamycin kinase inhibitor

ylpentapeptide beta-N-acetylglucosaminyltransferase inhibitor

lycoprotein beta-1,3-N-acetylglucosaminyltransferase inhibitor

l-phosphate N-acetylglucosaminophosphotransferase inhibitor

μcosylceramide N-acetylgalactosaminyltransferase inhibitor

idecaprenol N-acetyl-beta-D-mannosaminyltransferase inhibitor

nal-enzyme N-acetylglucosaminophosphotransferase inhibitor