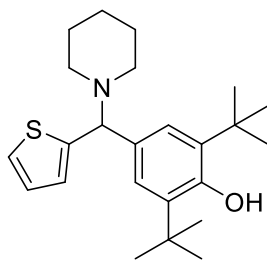


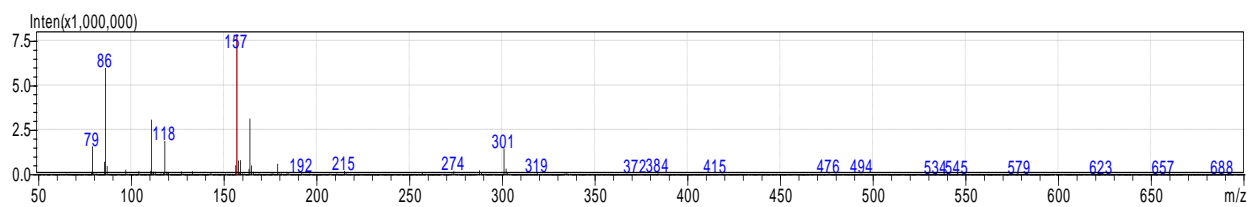
## DTP1



**Chemical Formula:** C<sub>24</sub>H<sub>35</sub>NOS

**Molecular Weight:** 385.61

### HRMS (Direct injection):

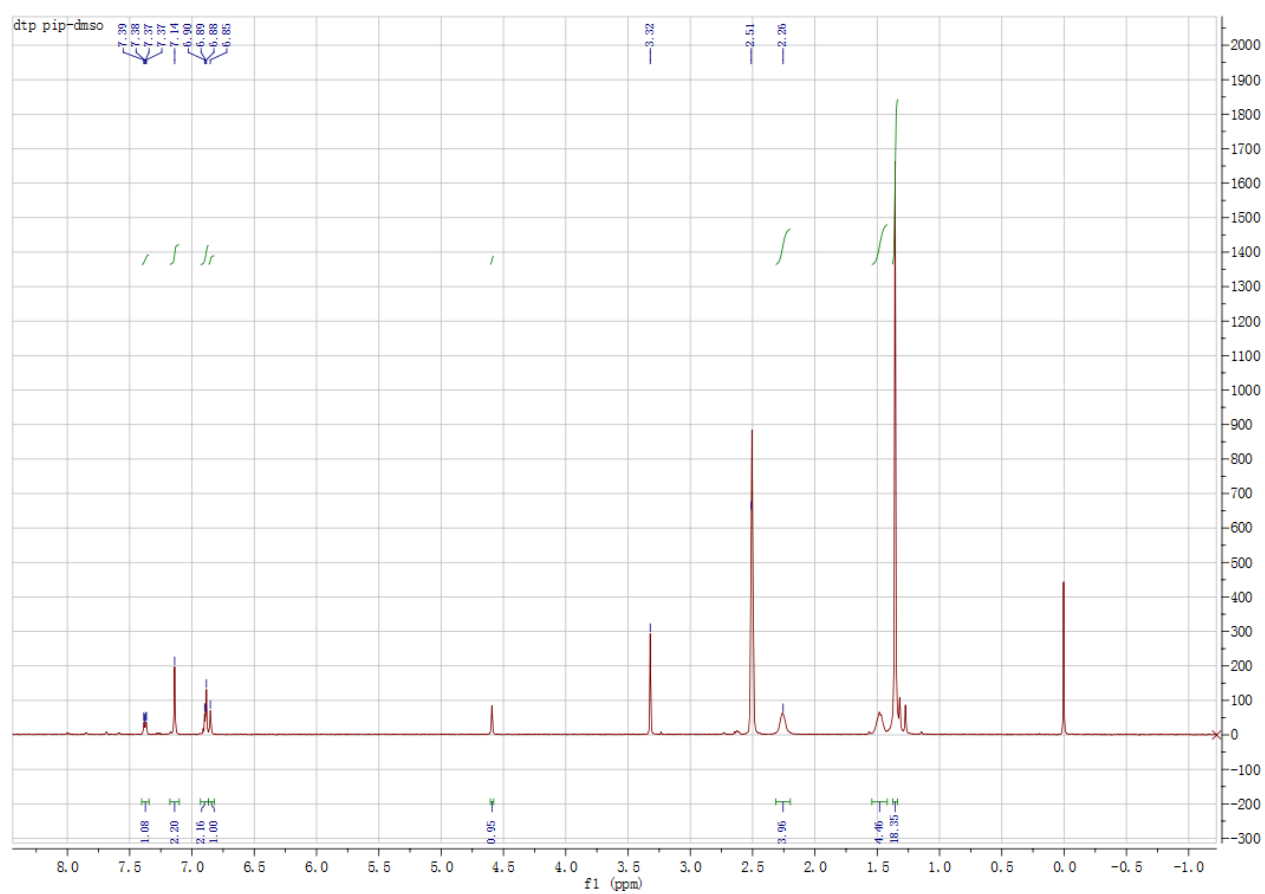


MS: m/z 384 [M-H]<sup>-</sup>

MS: m/z 301 [M - piperidinyl]<sup>-</sup>

MS: m/z 157 [DMSO]

# <sup>1</sup>H NMR (DMSO)



# <sup>13</sup>CNMR (CDCl<sub>3</sub>)

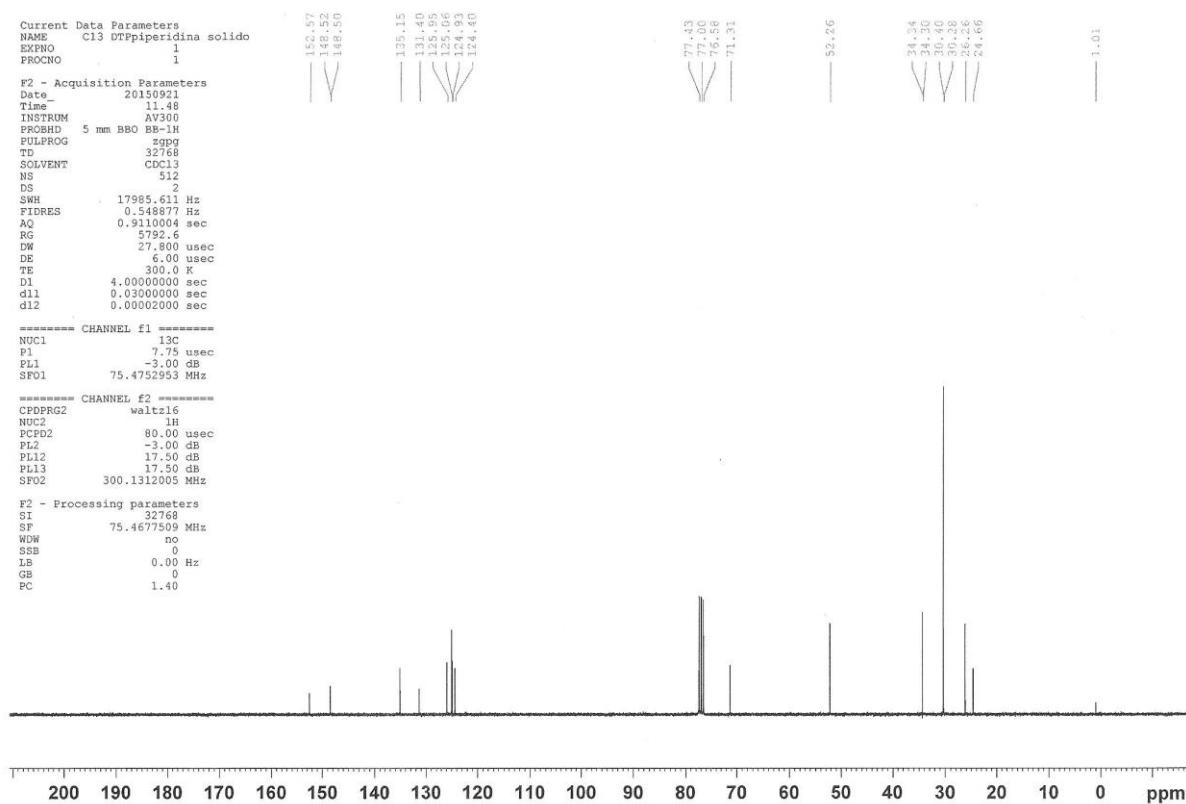
Current Data Parameters  
NAME C13 DTPpiperidina solido  
EXPNO 1  
PROCNO 1

F2 - Acquisition Parameters  
Date 20150921  
Time 11.48  
INSTRUM AV300  
PROBHD 5 mm BBO BB-1H  
PULPROG zgpg  
TD 32768  
SOLVENT CDCl<sub>3</sub>  
NS 512  
DS 2  
SWH 17985.611 Hz  
FIDRES 0.548877 Hz  
AQ 0.9110004 sec  
RG 5792.6  
DW 27.800 usec  
DE 6.00 usec  
TE 300.0 K  
D1 4.00000000 sec  
d11 0.03000000 sec  
d12 0.00002000 sec

===== CHANNEL f1 =====  
NUC1 13C  
P1 7.75 usec  
PL1 -3.00 dB  
SF01 75.4752953 MHz

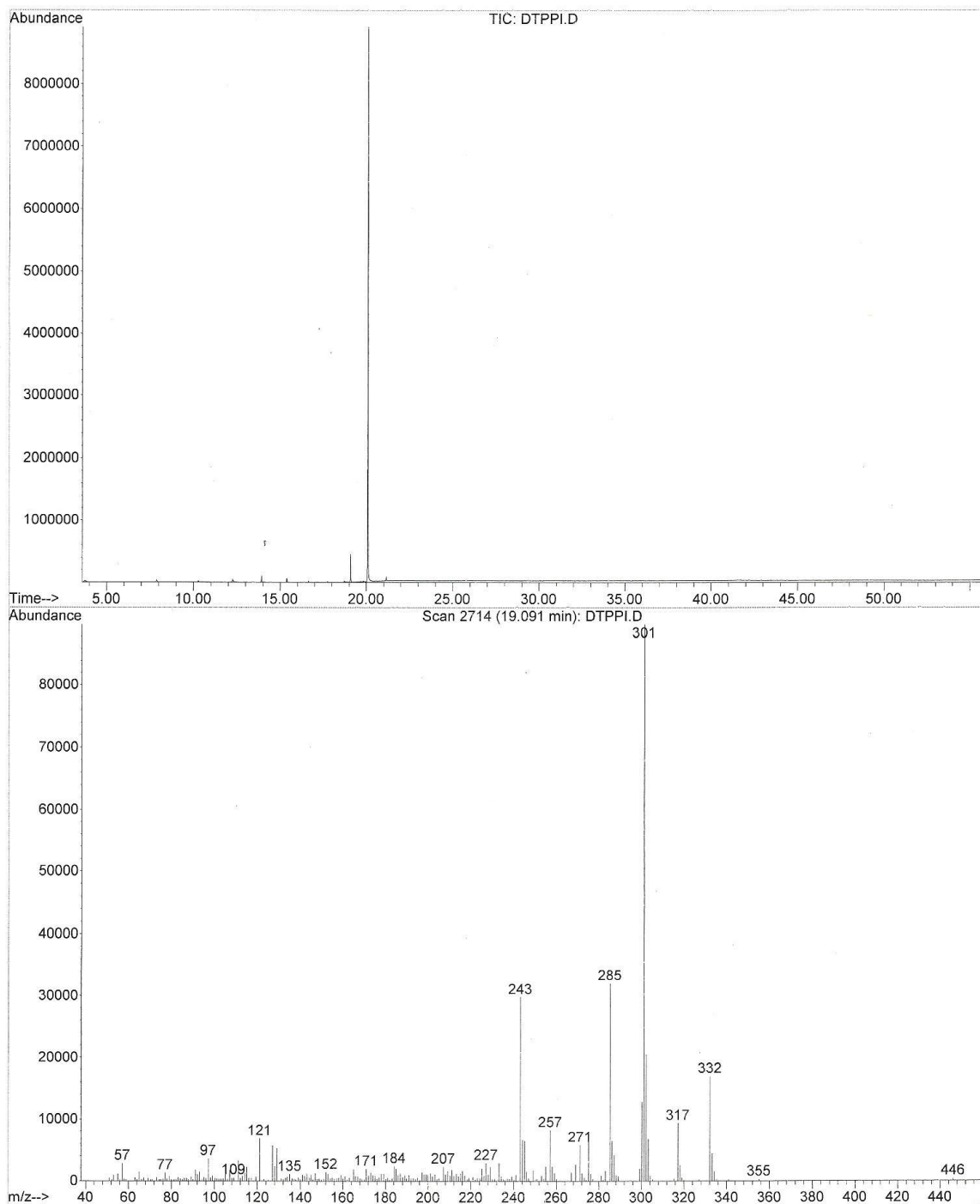
===== CHANNEL f2 =====  
CPDPRG2 waltz16  
NUC2 1H  
PCPD2 80.00 usec  
PL2 -3.00 dB  
PL12 17.50 dB  
PL13 17.50 dB  
SF02 300.1312005 MHz

F2 - Processing parameters  
SI 32768  
SF 75.4677509 MHz  
WDW no  
SSB 0  
LB 0.00 Hz  
GB 0  
PC 1.40

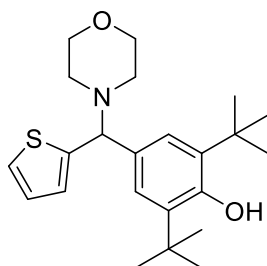


## GC-MS:

File : D:\MASSA\GAROFALO\DTPI.D  
Operator : Francesca  
Acquired : 6 Oct 2015 12:46 using AcqMethod STANDARD  
Instrument : Instrumen  
Sample Name: DTP piperidin xxx  
Misc Info : Metanolo  
Vial Number: 1



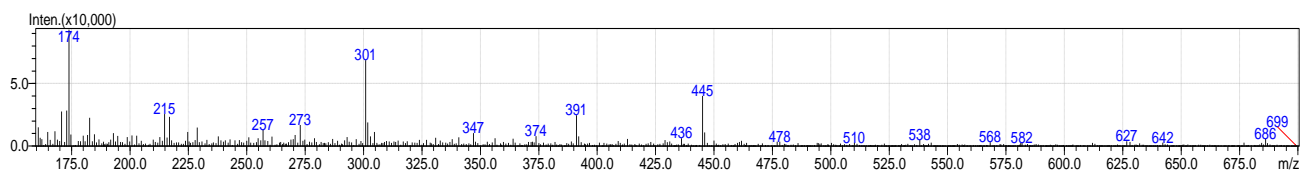
## DTP2



**Chemical Formula:** C<sub>23</sub>H<sub>33</sub>NO<sub>2</sub>S

**Molecular Weight:** 387.58

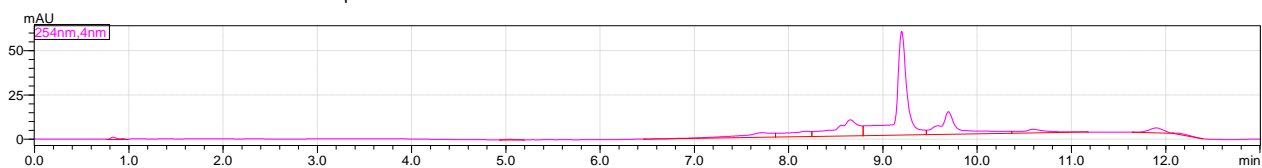
### HRMS (Direct injection):



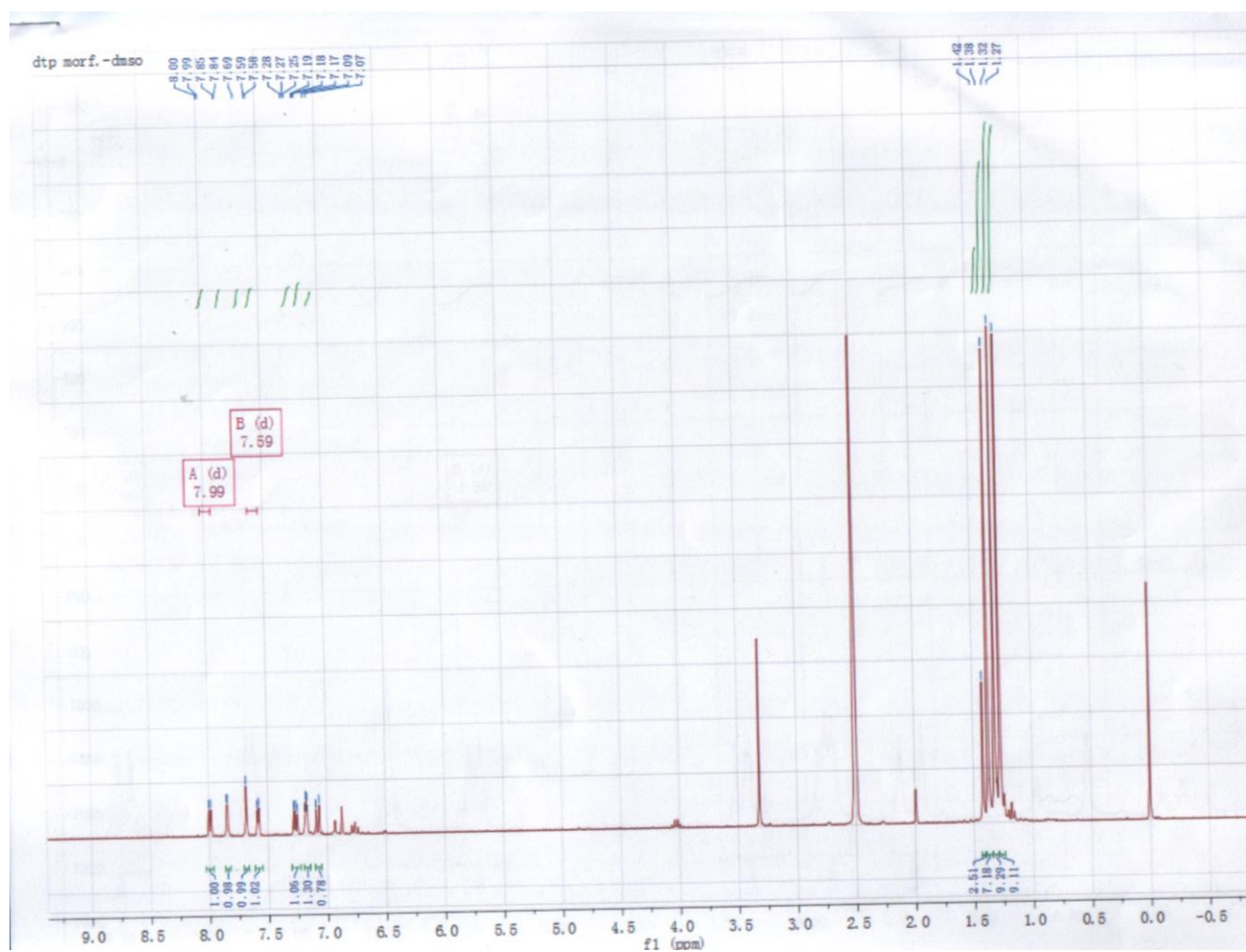
MS: m/z 301 [M - morpholino]<sup>-</sup>

### LC-MS:

Datafile Name: DTP Morf.\_Mary's compounds 20160226\_2262016\_005.lcd  
Sample Name: DTP Morf.  
Sample ID: DTP Morf.



# $^1\text{H}$ NMR (DMSO)



**Current Data Parameters**

NAME	C13 DTP morfollina
EXPRO	1
PROCNO	1

**F2 - Acquisition Parameters**

Date_	20151020
Time	18.19
INSTRUM	AQ500
PROBHD	5 mm BBO BB-HL
PULPRG	sppg
TD	32768
SOLVENT	CDCl <sub>3</sub>
NS	1024
DS	2
SWH	17985.611 Hz
FTRES	0.548877 Hz
AQ	0.9110004 sec
RJ	5792.6
DW	27.800 usec
DE	6.00 usec
TE	300.0 K
D1	4.00000000 sec
d11	0.03000000 sec
d12	0.00000000 sec

===== CHANNEL f1 =====

NUC1	<sup>13</sup> C
E1	7.75 usec
PL1	-3.00 dB
SFO1	75.4752953 MHz

===== CHANNEL f2 =====

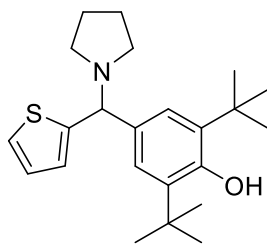
GPDPRG2	waltz16
NUC2	<sup>1</sup> H
PCPD2	80.00 usec
FL2	-3.00 dB
PL12	17.50 dB
PL13	17.50 dB
SFO2	300.1312005 MHz

**F2 - Processing parameters**

SI	32768
SF	75.4677509 MHz
MWR	no
SSB	0
LX	0.00 Hz
GB	0
PC	1.40

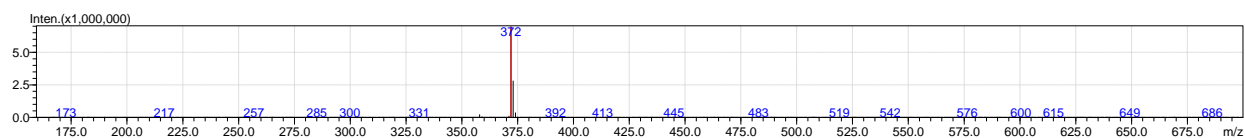
### DTP3



**Chemical Formula:** C<sub>23</sub>H<sub>33</sub>NOS

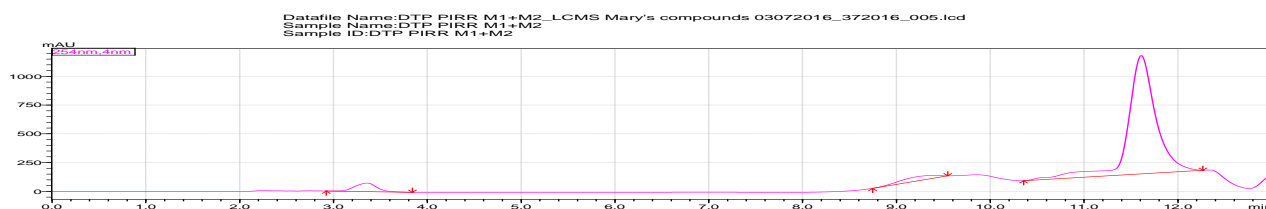
**Molecular Weight:** 371.58

### HRMS (Direct injection):



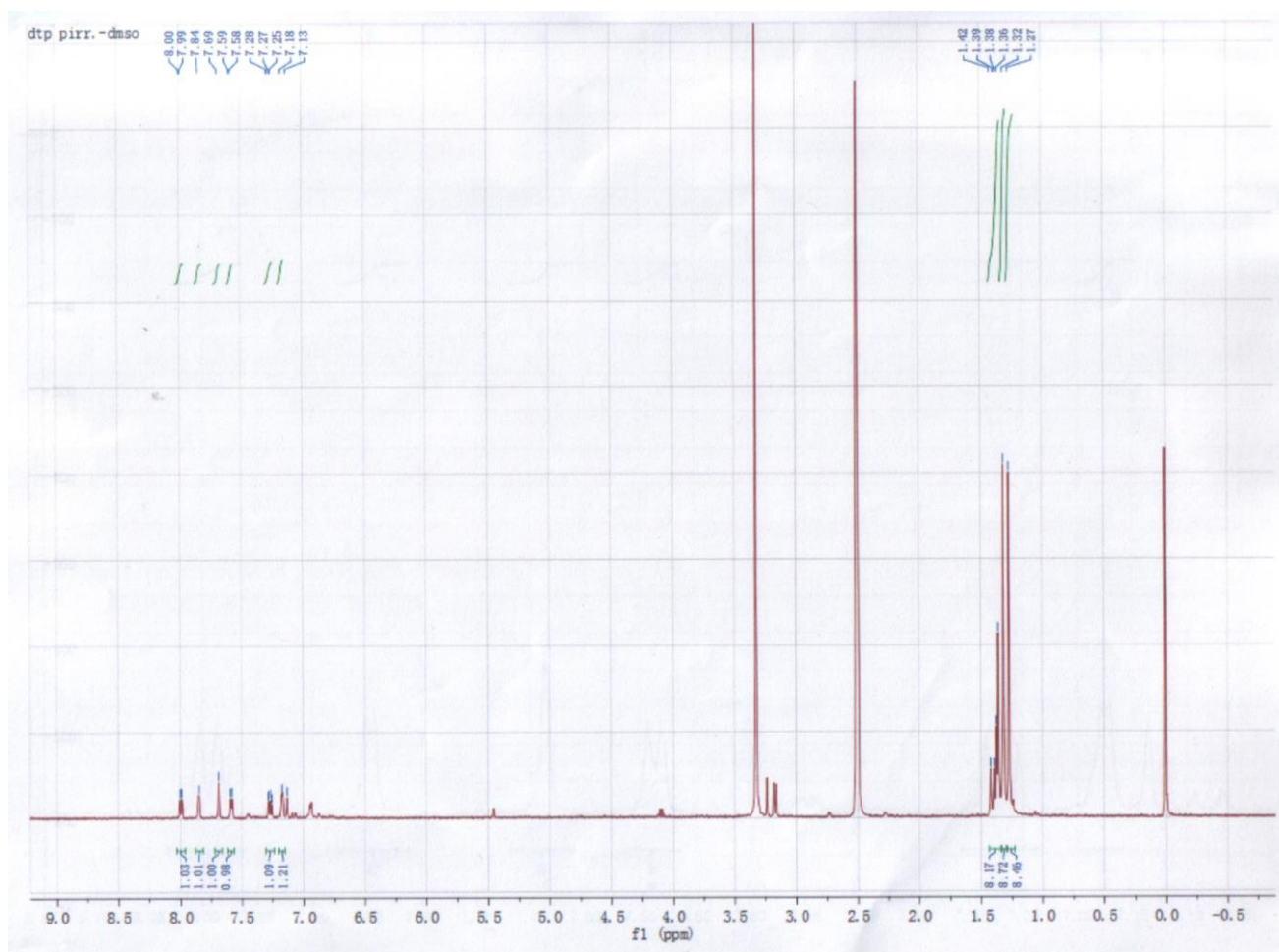
MS: m/z 372 [M+H]<sup>+</sup>

### LC-MS:





# <sup>1</sup>H NMR (DMSO)



## GC-MS:

File : D:\MASSA\GAROFALO\MAR16.D  
Operator : Francesca  
Acquired : 9 Nov 2015 12:01 using AcqMethod STANDARD  
Instrument : Instrumen  
Sample Name: DTP Pirrolidina M2  
Misc Info : Metanolo  
Vial Number: 1

