

## Supplemental Tables

**Table S1 The Formation of CPE in MDCK cells pre-infected with influenza A H1N1 virus**

Groups	Initial concentration	IC50	Dilutions			
			1:2	1:4	1:8	1:16
CB	50 µg/ml	<u>1.5 µg/ml</u>	–	–	–	–
Epigoitrin	50 µg/ml	<u>1.3 µg/ml</u>	–	–	–	–
Phenylpropanoids portion	1 mg/ml	<u>0.02 mg/ml</u>	–	–	–	–
Phenylpropanoids+alkaloids+organic acid portions	1 mg/ml	<u>0.015 mg/ml</u>	–	–	–	–
Ribavirin	100 µg/ml	<u>2.5 µg/ml</u>	–	–	–	–
Cell control			–	–	–	–
Virus Control			+++±	+++±	+++±	+++±

The CPE (Cytopathic effect) was graded as follows: “–”= 0% CPE; “+”=0%-25% CPE; “++”=26%-50% CPE; “+++”=51%-75% CPE; “++++”=76%-100%. Cell control: Normal cells without virus infection and drug treatments. Virus control: Cells infected with influenza A FM1 virus.

**Table S2 The Formation of CPE in MDCK cells pre-treated with pure compounds and chemical portions of woad root extract**

Groups	Initial concentration	IC50	Dilutions			
			1:2	1:4	1:8	1:16
CB	50 µg/ml	<u>14 µg/ml</u>	–	–	–	–
Epigoitrin	50 µg/ml	<u>14.5 µg/ml</u>	–	–	–	–
Phenylpropanoids portion	1mg/ml	<u>0.2 mg/ml</u>	–	–	–	–
Phenylpropanoids+alkaloids+organic acid portions	1mg/ml	<u>0.25 mg/ml</u>	–	–	–	–
Ribavirin	100 µg/ml	<u>36.5 µg/ml</u>	–	–	–	–
Cell control			–	–	–	–
Virus Control			+++	+++	+++	+++

The CPE was graded as follows: “–”= 0% CPE; “+”=0%-25% CPE; “++”=26%-50% CPE; “+++”=51%-75% CPE; “++++”=76%-100%. Cell control: Normal cells without virus infection and drug treatments. Virus control: Cells infected with influenza A FM1 virus.

**Table S3 The Formation of CPE in MDCK cells induced by virus attachment**

Groups	Initial concentration	IC50	Dilutions			
			1:2	1:4	1:8	1:16
CB	50 µg/ml	<u>28.3 µg/ml</u>	–	–	–	–
Epigoitrin	50 µg/ml	<u>25.1 µg/ml</u>	–	–	–	–
Phenylpropanoids portion	1mg/ml	<u>0.45 mg/ml</u>	–	–	–	–
Phenylpropanoids+alkaloids+organic acid portions	1mg/ml	<u>0.55 mg/ml</u>	–	–	–	–
Ribavirin	100 µg/ml	<u>47.8 µg/ml</u>	–	–	–	–
Cell control			–	–	–	–
Virus Control			+++	+++	+++	+++

The CPE was graded as follows: “–”= 0% CPE; “+”=0%-25% CPE; “++”=26%-50% CPE; “+++”=51%-75% CPE; “++++”=76%-100%. Cell control: Normal cells without virus infection and drug treatments. Virus control: Cells infected with influenza A FM1 virus.