

Supplementary Material Table 1. Identified compounds in Fugan Fang extract

NO.	Identified Compounds	Negative ion (m/z)		Positive ion (m/z)		Molecular		Fragment ions (m/z)	Plant origin
		Adduct	Error (ppm)	Adduct	Error (ppm)	Weight (Da)	Composition		
1	Gentiobiose	-H	-0.5	+Na	0.3	342	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>	365[M+Na] <sup>+</sup> , 203[M+Na-Glc] <sup>+</sup> , 185 <sup>a</sup>	Radix Gentianae
2	Gentianose	-H	-0.6	+Na	-0.2	504	C <sub>18</sub> H <sub>32</sub> O <sub>16</sub>	527[M+Na] <sup>+</sup> , 365[M+Na-Glc] <sup>+</sup> , 203[M+Na-2Glc] <sup>+a</sup>	Radix Gentianae
3	Gallic acid	-H	-0.7			170	C <sub>7</sub> H <sub>6</sub> O <sub>5</sub>	169[M-H] <sup>-</sup> , 125[M-H-CO2] <sup>-a</sup>	Flos Carthami
4	Protocatechuic acid	-H	0.2			154	C <sub>7</sub> H <sub>6</sub> O <sub>4</sub>	153[M-H] <sup>-</sup> , 109[M-HCOO] <sup>-</sup> , 91[M-HCOO-H2O] <sup>-b</sup>	Radix Angelicae Sinensis and Caulis Spatholobi
5	Catechin	-H	0.2	+H	-0.3	290	C <sub>15</sub> H <sub>14</sub> O <sub>6</sub>	289[M-H] <sup>-</sup> , 245[M-H-COO] <sup>-</sup> , 203, 109 <sup>b</sup>	Caulis Spatholobi
6	Caffeic acid	-H	-0.1			180	C <sub>9</sub> H <sub>8</sub> O <sub>4</sub>	179[M-H] <sup>-</sup> , 135[M-HCOO] <sup>-</sup>	Radix Angelicae Sinensis
7	6-Hydroxykaempferol -3,6-di-O-β-glucoside -7-O-β-glucuronide	-H	2.2			802	C <sub>33</sub> H <sub>38</sub> O <sub>23</sub>	801[M-H] <sup>-</sup> , 625[M-H-GA] <sup>-</sup> , 463[M-H-GA-Glc] <sup>-</sup> , 301[M-H-GA-2Glc] <sup>-a</sup>	Flos Carthami
8	6-Hydroxykaempferoltri -O-glucoside	-H	2.2			788	C <sub>33</sub> H <sub>40</sub> O <sub>22</sub>	787[M-H] <sup>-</sup> , 625[M-H-Glc] <sup>-</sup> , 463[M-H-2Glc] <sup>-</sup> , 301[M-H-3Glc] <sup>-a</sup>	Flos Carthami
9	Safflomin A	-H	0.5	+H	-0.3	612	C <sub>27</sub> H <sub>32</sub> O <sub>16</sub>	613[M+H] <sup>+</sup> , 595[M+H-H <sub>2</sub> O] <sup>+</sup> , 415, 289	Flos Carthami
10	Chlorogenic acid	-H	0.1			354	C <sub>16</sub> H <sub>18</sub> O <sub>9</sub>	353[M-H] <sup>-</sup> , 191[M-H-C9H6O3] <sup>-a</sup>	Flos Carthami
11	Loganic acid or 8-hydroxy-10-hydrosweroside	-H	0.7	+H	1	376	C <sub>16</sub> H <sub>24</sub> O <sub>10</sub>	375[M-H] <sup>-</sup> , 213[M-H-Glc] <sup>-</sup> , 169[M-H-Glc-COO] <sup>-</sup>	Radix Gentianae
12	Hydroxysafflor yellow A	-H	0.5	+H	-0.3	612	C <sub>27</sub> H <sub>32</sub> O <sub>16</sub>	613[M+H] <sup>+</sup> , 451[M+H-Glc] <sup>+</sup> , 433, 313, 211 <sup>ab</sup>	Flos Carthami
13	Chlorogenic acid isomer	-H	0.1			354	C <sub>16</sub> H <sub>18</sub> O <sub>9</sub>	353[M-H] <sup>-</sup> , 191[M-H-C9H6O3] <sup>-a</sup>	Flos Carthami

14	Epicatechin	-H	0.2	+H	-0.3	290	C <sub>15</sub> H <sub>14</sub> O <sub>6</sub>	289[M-H] <sup>-</sup> ;245[M-H-COO] <sup>-</sup> ;203,109 <sup>b</sup>	Caulis Spatholobi
15	Gentiopicroside	-H	-0.5	+H	-0.2	356	C <sub>16</sub> H <sub>20</sub> O <sub>9</sub>	357[M+H] <sup>+</sup> ,195[M+H-Glc] <sup>+</sup> ,177[M+H-Glc-H <sub>2</sub> O] <sup>+</sup> , 149,121 <sup>+ab</sup>	Radix Gentianae
16	Protocatechuic acid isomer	-H	0.2			154	C <sub>7</sub> H <sub>6</sub> O <sub>4</sub>	153[M-H] <sup>-</sup> , 109[M-HCOO] <sup>-</sup> , 91[M-HCOO-H <sub>2</sub> O] <sup>-b</sup>	Radix Angelicae Sinensis and Caulis Spatholobi
17	Sweroside	-H	-0.6	+H	0	358	C <sub>16</sub> H <sub>22</sub> O <sub>9</sub>	359[M+H] <sup>+</sup> , 197[M+H-Glc] <sup>+</sup> ,179[M+H-Glc-H <sub>2</sub> O] <sup>+</sup> , 127 <sup>ab</sup>	Radix Gentianae
18	Daidzin			+H	-0.6	416	C <sub>21</sub> H <sub>20</sub> O <sub>9</sub>	417[M+H] <sup>+</sup> , 255[M+H-Glc] <sup>+</sup>	Caulis Spatholobi
19	Gentianine	-H	-0.6			175	C <sub>10</sub> H <sub>9</sub> NO <sub>2</sub>	174[M-H] <sup>-</sup> , 131[M-H-C <sub>2</sub> H <sub>4</sub> O] <sup>-</sup> , 87	Radix Gentianae
20	6-Hydroxykaempferol-di-O-glucoside	-H	1.9			626	C <sub>27</sub> H <sub>30</sub> O <sub>17</sub>	625[M-H] <sup>-</sup> ;463[M-H-Glc] <sup>-</sup> ; 301[M-H-2Glc] <sup>-a</sup>	Flos Carthami
21	P-coumaric acid	-H	0.1			164	C <sub>9</sub> H <sub>8</sub> O <sub>3</sub>	163[M-H] <sup>-</sup> ; 119[M-H-COO] <sup>-</sup> ; 93 <sup>b</sup>	Flos Carthami
22	Calycosin-7-O-β-D-glucoside	-H	-0.1	+H	-0.4	446	C <sub>22</sub> H <sub>22</sub> O <sub>10</sub>	447[M+H] <sup>+</sup> , 285[M+H-Glc] <sup>+</sup> , 270[M+H-Glc-CH <sub>3</sub> ] <sup>+ab</sup>	Radix Astragali and Caulis Spatholobi
23	Ferulic acid	-H	1.1			194	C <sub>10</sub> H <sub>10</sub> O <sub>4</sub>	193[M-H] <sup>-</sup> ;178[M-H-CH <sub>3</sub> ] <sup>-</sup> ; 134[M-H-CH <sub>3</sub> -COO] <sup>-ab</sup>	Radix Angelicae Sinensis
24	6-Hydroxykaempferol-3-O-β-D-glucopyranoside or Isoquercitrin	-H	-0.3	+H	-0.6	464	C <sub>21</sub> H <sub>20</sub> O <sub>12</sub>	463[M-H] <sup>-</sup> ; 301[M-H-Glc] <sup>-</sup> ;271 <sup>a</sup>	Flos Carthami
25	Tinctormine	-H	1.3			593	C <sub>27</sub> H <sub>31</sub> NO <sub>14</sub>	592[M-H] <sup>-</sup> ; 472, 244 <sup>a</sup>	Flos Carthami
26	Rutin	-H	0.6			610	C <sub>27</sub> H <sub>30</sub> O <sub>16</sub>	609[M-H] <sup>-</sup> ; 301[M-H-rutinoside] <sup>-a</sup>	Flos Carthami
27	6-Hydroxykaempferol-3-O-β-D-glucopyranoside or Isoquercitrin	-H	-0.3	+H	-0.6	464	C <sub>21</sub> H <sub>20</sub> O <sub>12</sub>	463[M-H] <sup>-</sup> ; 301[M-H-Glc] <sup>-</sup> ;271 <sup>a</sup>	Flos Carthami
28	Calycosin-7-O-β-D-glc-6''-O-malonate			+H	1.4	532	C <sub>25</sub> H <sub>24</sub> O <sub>13</sub>	533[M+H] <sup>+</sup> , 285[M+H-C <sub>3</sub> H <sub>2</sub> O <sub>3</sub> -Glc] <sup>+</sup> , 270, 253 <sup>a</sup>	Radix Astragali

29	Cartormin	-H	0.2	+H	0.3	575	C <sub>27</sub> H <sub>29</sub> NO <sub>13</sub>	576[M+H] <sup>+</sup> , 414[M+H-Glc] <sup>+</sup> , 354, 276	Flos Carthami
30	Kaempferol-3-O-rutinose	-H	1.7	+H	-0.8	594	C <sub>27</sub> H <sub>30</sub> O <sub>15</sub>	593, 285[M-H-rutinose] <sup>-</sup> , 257 <sup>a</sup>	Flos Carthami
31	Ononin			+H	-0.2	430	C <sub>22</sub> H <sub>22</sub> O <sub>9</sub>	431[M+H] <sup>+</sup> , 269[M+H-Glc] <sup>+</sup> , 254, 237, 226 <sup>a</sup>	Radix Astragali and Caulis Spatholobi
32	(6αR, 11αR)-9,10-dimethoxypterocarpan-3-O-β-D-glucoside			+H	-0.1	462	C <sub>23</sub> H <sub>26</sub> O <sub>10</sub>	463[M+H] <sup>+</sup> , 167[M+H-Glc] <sup>+</sup> , 152 <sup>a</sup>	Radix Astragali
33	Calycosin-7-O-β-D-glucoside-6"-O-acetate			+H	-0.6	488	C <sub>24</sub> H <sub>24</sub> O <sub>11</sub>	489[M+H] <sup>+</sup> , 285[M+H-C <sub>2</sub> H <sub>2</sub> O-Glc] <sup>+</sup> , 270, 253 <sup>a</sup>	Radix Astragali
34	Daidzein	-H	0.6	+H	-0.9	254	C <sub>15</sub> H <sub>10</sub> O <sub>4</sub>	253[M-H] <sup>-</sup> , 224[M-H-CHO] <sup>-</sup> , 208, 132 <sup>a</sup>	Caulis Spatholobi
35	(3R)-2'-hydroxy-3',4'-dimethoxyisoflavan-7-O-β-D-glucoside	-H	0.5	+H	-0.6	464	C <sub>23</sub> H <sub>28</sub> O <sub>10</sub>	465[M+H] <sup>+</sup> , 303[M+H-Glc] <sup>+</sup> , 167 <sup>a</sup>	Radix Astragali
36	Rindoside			+Na	-0.5	798	C <sub>35</sub> H <sub>42</sub> O <sub>21</sub>	821[M+Na] <sup>+</sup> , 523, 505, 321 <sup>a</sup>	Radix Gentianae
37	Quercetin	-H	0.0			302	C <sub>15</sub> H <sub>10</sub> O <sub>7</sub>	301[M-H] <sup>-</sup> , 273, 179, 165, 151 <sup>b</sup>	Flos Carthami
38	Calycosin	-H	0.5	+H	-0.2	284	C <sub>16</sub> H <sub>12</sub> O <sub>5</sub>	285[M+H] <sup>+</sup> , 270[M+H-CH <sub>3</sub> ] <sup>+</sup> , 253[M+H-CH <sub>3</sub> OH] <sup>+</sup> , 225, 213 <sup>ab</sup>	Radix Astragali and Caulis Spatholobi
39	Trifloroside	-H	3.0	+Na	0.3	782	C <sub>35</sub> H <sub>42</sub> O <sub>20</sub>	805[M+Na] <sup>+</sup> , 507, 321 <sup>a</sup>	Radix Gentianae
40	(6αR, 11αR)-3-hydroxy-9,10-dimethoxypterocarpan	-H	1.7	+H	3.2	300	C <sub>17</sub> H <sub>16</sub> O <sub>5</sub>	301[M+H] <sup>+</sup> , 167, 152, 134 <sup>a</sup>	Radix Astragali
41	Senkyunolide F	-H	0.1	+H	-0.6	206	C <sub>12</sub> H <sub>14</sub> O <sub>3</sub>	205[M-H] <sup>-</sup> , 161, 131, 106	Radix Angelicae Sinensis
42	Formononetin	-H	1.9	+H	0.4	268	C <sub>16</sub> H <sub>12</sub> O <sub>4</sub>	269[M+H] <sup>+</sup> , 254[M+H-CH <sub>3</sub> ] <sup>+</sup> , 226[M+H-CH <sub>3</sub> -CO] <sup>+</sup> , 197 <sup>ab</sup>	Radix Astragali

									and Caulis Spatholobi
43	Astragaloside V/Astragaloside VI	-H	-1.6	+Na	-1	947	C <sub>47</sub> H <sub>78</sub> O <sub>19</sub>	969[M+Na] <sup>+</sup> , 789[M+Na-H <sub>2</sub> O-Glc] <sup>+a</sup>	Radix Astragali
44	Ligustilide (E)			+H	0.2	190	C <sub>12</sub> H <sub>14</sub> O <sub>2</sub>	191[M+H] <sup>+</sup> , 173[M+H-H <sub>2</sub> O] <sup>+</sup> , 163[M+H-H <sub>2</sub> O-CO] <sup>+</sup> , 145 <sup>a</sup>	Radix Angelicae Sinensis
45	Astragaloside V/ Astragaloside VI	-H	-1.0	+Na	-1	947	C <sub>47</sub> H <sub>78</sub> O <sub>19</sub>	969[M+Na] <sup>+</sup> , 789[M+Na-H <sub>2</sub> O-Glc] <sup>+a</sup>	Radix Astragali
46	Astragaloside IV	-H	-0.8	+Na	-0.6	784	C <sub>41</sub> H <sub>68</sub> O <sub>14</sub>	807[M+Na] <sup>+</sup> , 627[M+Na-H <sub>2</sub> O-Glc] <sup>+ab</sup>	Radix Astragali
47	Astragaloside III	-H	-0.8	+Na	-0.8	784	C <sub>41</sub> H <sub>68</sub> O <sub>14</sub>	807[M+Na] <sup>+</sup> , 627[M+Na-H <sub>2</sub> O-Glc] <sup>+ab</sup>	Radix Astragali
48	Astragaloside II			+Na	-0.7	826	C <sub>43</sub> H <sub>70</sub> O <sub>15</sub>	849[M+Na] <sup>+</sup> , 669.40	Radix Astragali
49	isoAstragaloside II			+Na	-0.7	826	C <sub>43</sub> H <sub>70</sub> O <sub>15</sub>	849[M+Na] <sup>+</sup> , 669.40	Radix Astragali
50	Ligustilide (Z)			+H	0.2	190	C <sub>12</sub> H <sub>14</sub> O <sub>2</sub>	191[M+H] <sup>+</sup> , 173[M+H-H <sub>2</sub> O] <sup>+</sup> , 163[M+H-H <sub>2</sub> O-CO] <sup>+</sup> , 145 <sup>a</sup>	Radix Angelicae Sinensis
51	Astragaloside I			+Na	-2	868	C <sub>45</sub> H <sub>72</sub> O <sub>16</sub>	891[M+Na] <sup>+</sup> , 831,711 <sup>b</sup>	Radix Astragali
52	Isoastragaloside I			+Na	-2.7	868	C <sub>45</sub> H <sub>72</sub> O <sub>16</sub>	891[M+Na] <sup>+</sup> , 831,711 <sup>b</sup>	Radix Astragali
53	Cyclocephaloside II			+Na	-0.7	826	C <sub>43</sub> H <sub>70</sub> O <sub>15</sub>	849[M+Na] <sup>+</sup> , 669.40	Radix Astragali

**Supplementary Material Table 2.** Calibration curve, linear range and LLOQ for calycosin-7-O-β-D-glucoside, ononin, ferulic acid, p-coumaric acid, gentiopicroside, sweroside, formononetin, and protocatechuic acid in plasma (n = 5)

Compounds	R	Linear range(ng/mL)	Calibration curve	LLOQ <sup>a</sup> (ng/mL)	LOD <sup>b</sup> (ng/mL)
Calycosin-7-O-β-D-Glucopyranoside	0.9992	0.5-161	y=0.481x+0.0418	0.5	0.2
Ononin	0.9990	0.28-88.8	y=0.833x+0.0771	0.28	0.1
Ferulic acid	0.9990	2-640.9	y=0.0194x+0.028	2	1

p-Coumaric acid	0.9991	10.1-3230	$y=0.0382x+0.0624$	10.1	6
Gentiopicroside	0.9985	1.8-578.4	$y=0.125x+0.0999$	1.8	0.2
Sweroside	0.9992	0.65-206	$y=0.294x+0.0658$	0.65	0.2
Formononetin	0.9990	0.1-33	$y=0.423x+0.0323$	0.1	0.05
Protocatechuic acid	0.9991	4-1280	$y=0.0156x+0.105$	4	2.5

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a. lower limit of quantitation (the lowest point on the calibration curve).

b. limit of detection

**Supplementary Material Table 3.** Precision and accuracy of calycosin-7-O- $\beta$ -D-glucoside, ononin, ferulic acid, p-coumaric acid, gentiopicroside, sweroside, formononetin, and protocatechuic acid from QC samples prepared in rat plasma (mean  $\pm$  SD)

Compounds	Nominal concentration (ng/mL)	Intraday ( n = 5)				Interday ( n = 5*3)			
		Measured concentration		Precision	Accuracy	Measured concentration		Precision	Accuracy
		(ng/mL)		(%)	(%)	(ng/mL)		(%)	(%)
Calycosin-7-O- $\beta$ -D-Glucopyranoside	1.01	1.08 $\pm$ 0.02		1.8	107.1	1.03 $\pm$ 0.06		6.0	101.7
	16.1	16.50 $\pm$ 0.52		3.2	102.5	16.10 $\pm$ 1.07		6.6	100.0
	129	130.00 $\pm$ 5.74		4.4	100.8	122.60 $\pm$ 2.61		2.1	95.0
Ononin	0.555	0.56 $\pm$ 0.02		2.8	101.7	0.60 $\pm$ 0.04		6.2	107.8
	8.88	9.01 $\pm$ 0.18		2.0	101.4	9.14 $\pm$ 0.51		5.6	102.9
	71	71.58 $\pm$ 2.10		2.9	100.8	67.96 $\pm$ 0.78		1.2	95.7
Ferulic acid	4	3.95 $\pm$ 0.11		2.7	98.7	3.91 $\pm$ 0.10		2.7	97.7
	64	67.44 $\pm$ 2.80		4.1	105.4	67.22 $\pm$ 4.58		6.8	105.0
	512	523.40 $\pm$ 19.10		3.6	102.2	515.40 $\pm$ 8.71		1.7	100.7
p-Coumaric acid	20.2	19.10 $\pm$ 0.66		3.5	94.6	18.92 $\pm$ 0.67		3.5	93.7
	323	346.40 $\pm$ 12.54		3.6	107.2	338.00 $\pm$ 8.00		2.4	104.6
	2580	2656.00 $\pm$ 104.55		3.9	102.9	2576.00 $\pm$ 70.21		2.7	99.8
Gentiopicroside	3.62	3.73 $\pm$ 0.15		3.9	103.1	3.58 $\pm$ 0.19		5.3	98.9
	57.8	58.86 $\pm$ 2.85		4.8	101.8	58.82 $\pm$ 1.86		3.2	101.8
	463	468.60 $\pm$ 24.46		5.2	101.2	467.40 $\pm$ 7.60		1.6	101.0
Sweroside	1.29	1.37 $\pm$ 0.04		2.6	105.9	1.35 $\pm$ 0.07		4.9	105.0
	20.6	21.46 $\pm$ 1.24		5.8	104.2	21.56 $\pm$ 0.99		4.6	104.7
	165	169.40 $\pm$ 8.71		5.1	102.7	166.00 $\pm$ 1.73		1.0	100.6
Formononetin	0.206	0.21 $\pm$ 0.01		4.5	100.3	0.21 $\pm$ 0.01		3.6	100.6
	3.3	3.36 $\pm$ 0.16		4.8	101.9	3.35 $\pm$ 0.19		5.7	101.5
	26.4	26.66 $\pm$ 0.94		3.5	101.0	26.10 $\pm$ 0.37		1.4	98.9

Protocatechuic acid	8	7.64 ± 0.16	2.1	95.6	7.79 ± 0.60	7.8	97.4
	128	135.20 ± 4.76	3.5	105.6	131.60 ± 3.91	3.0	102.8
	1020	1074.00 ± 47.75	4.4	105.3	1056.00 ± 45.61	4.3	103.5

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**Supplementary Material Table 4.** Extraction recovery, matrix effect and long-term stability of calycosin-7-O- $\beta$ -D-glucoside, ononin, ferulic acid, p-coumaric acid, gentiopicroside, sweroside, formononetin, and protocatechuic acid in rat plasma (n = 5)

Compounds	Nominal concentration (ng/mL)	Recovery (%)			Matrix effect (%)			Stability(%)		
		(mean $\pm$ SD)	RSD		(mean $\pm$ SD)	RSD		(mean $\pm$ SD)	RSD	
Calycosin-7-O- $\beta$ -D-Glucopyranoside	1.01	93.6 $\pm$ 1.5	1.6		91.0 $\pm$ 2.3	2.5		85.1 $\pm$ 5.6	6.6	
	16.1	95.2 $\pm$ 2.3	2.4		94.0 $\pm$ 2.2	2.3		101.1 $\pm$ 5.1	5.0	
	129	89.3 $\pm$ 3.5	4.0		99.7 $\pm$ 3.6	3.6		89.6 $\pm$ 2.7	3.0	
Ononin	0.555	96.0 $\pm$ 4.9	5.1		110.1 $\pm$ 3.5	3.2		97.5 $\pm$ 6.9	7.1	
	8.88	96.5 $\pm$ 2.7	2.8		93.0 $\pm$ 2.5	2.7		102.9 $\pm$ 6.3	6.1	
	71	85.4 $\pm$ 1.1	1.3		103.2 $\pm$ 3.3	3.2		85.7 $\pm$ 0.9	1.1	
Ferulic acid	4	97.6 $\pm$ 4.4	4.5		92.0 $\pm$ 6.3	6.9		103.0 $\pm$ 8.6	8.3	
	64	91.3 $\pm$ 2.6	2.9		93.4 $\pm$ 1.3	1.4		112.5 $\pm$ 9.9	8.8	
	512	93.6 $\pm$ 0.8	0.9		95.5 $\pm$ 2.6	2.7		100.0 $\pm$ 3.2	3.2	
p-Coumaric acid	20.2	90.2 $\pm$ 4.0	4.4		91.8 $\pm$ 6.6	7.2		105.1 $\pm$ 14.6	13.9	
	323	89.7 $\pm$ 3.6	4.0		89.7 $\pm$ 1.4	1.5		85.9 $\pm$ 7.8	9.1	
	2580	93.7 $\pm$ 8.2	8.7		87.1 $\pm$ 1.9	2.2		100.8 $\pm$ 1.1	1.1	
Gentiopicroside	3.62	93.7 $\pm$ 5.7	6.1		91.6 $\pm$ 1.3	1.5		89.3 $\pm$ 4.1	4.6	
	57.8	92.1 $\pm$ 1.2	1.3		95.8 $\pm$ 3.2	3.4		102.8 $\pm$ 5.9	5.7	
	463	86.3 $\pm$ 5.0	5.8		95.7 $\pm$ 3.8	4.0		90.1 $\pm$ 8.8	9.7	
Sweroside	1.29	94.8 $\pm$ 0.7	0.8		91.0 $\pm$ 4.1	4.5		104.7 $\pm$ 7.7	7.3	
	20.6	95.1 $\pm$ 2.1	2.2		98.8 $\pm$ 0.6	0.6		108.8 $\pm$ 11.0	10.2	
	165	92.1 $\pm$ 5.6	6.1		94.4 $\pm$ 6.7	7.1		88.5 $\pm$ 2.3	2.6	
Formononetin	0.206	95.1 $\pm$ 12.3	12.9		93.6 $\pm$ 6.5	6.9		92.6 $\pm$ 4.6	4.9	
	3.3	92.8 $\pm$ 5.1	5.5		96.1 $\pm$ 1.0	1.1		98.8 $\pm$ 11.0	11.1	
	26.4	91.2 $\pm$ 3.4	3.7		98.5 $\pm$ 4.5	4.6		87.8 $\pm$ 8.2	9.4	
Protocatechuic acid	8	94.6 $\pm$ 3.3	3.5		98.9 $\pm$ 2.6	2.6		88.7 $\pm$ 7.2	8.2	



	128	90.0	± 1.2	1.4	108.4	± 5.4	5.0	100.8	± 4.6	4.5
	1020	92.2	± 4.4	4.7	90.4	± 4.3	4.8	106.3	± 10.5	9.8
Wogonoside (IS+)	135	95.5	± 2.2	2.3	96.1	± 3.2	3.3			
Rhein (IS-)	135	91.0	± 2.4	2.6	97.7	± 4.7	4.8			

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