

# Supplementary Material for Characterization of Flavonoids in the Ethomedicine *Fordia Cauliflorae Radix* and Its Adulterant *Millettiae Pulchrae Radix* by HPLC-DAD-ESI-IT-TOF-MS<sup>n</sup>

**Table 1.** Reported chemicals in *Fordia cauliflora* (fc) and *Millettia pulchra* var. *laxior* (mp).

No.	Formula	No. in the Manuscript	Molecular Weight	Chemical Name	fc	mp
1.	C <sub>18</sub> H <sub>12</sub> O <sub>4</sub>	29 <sup>a,b</sup>	292	Karanjin [1]	▲	▲
2.	C <sub>19</sub> H <sub>11</sub> O <sub>5</sub>		322	3-methoxy-2-[3'-methoxyphenyl-4H-furo[2,3-h]-1-benzopyran-4-one [2]	▲	
3.	C <sub>18</sub> H <sub>12</sub> O <sub>4</sub>	10 <sup>a</sup>	2928	O-Methylpongaglabol [2]	▲	
4.	C <sub>18</sub> H <sub>12</sub> O <sub>5</sub>	8 <sup>a</sup>	308	Pongapinnol C [3]	▲	
5.	C <sub>18</sub> H <sub>12</sub> O <sub>4</sub>	17 <sup>a</sup>	292	Pinnatin [3]	▲	
6.	C <sub>18</sub> H <sub>12</sub> O <sub>4</sub>	26 <sup>a</sup>	292	Cauliflorin A [3]	▲	
7.	C <sub>15</sub> H <sub>10</sub> O <sub>4</sub>	3 <sup>a</sup>	254	7,4'-dihydroxyisoflavone [4]	▲	
8.	C <sub>16</sub> H <sub>12</sub> O <sub>4</sub>	12 <sup>a</sup>	268	7-hydroxy-4'-methoxyisoflavone [4]	▲	
9.	C <sub>21</sub> H <sub>18</sub> O <sub>5</sub>	19 <sup>a</sup>	350	6-Hydroxy-3-methoxy-6'',6''-dimethylpyrano[2'',3'':7,8]flavone [4]	▲	
10.	C <sub>22</sub> H <sub>20</sub> O <sub>5</sub>	34 <sup>a</sup>	364	3,6-Dimethoxy-6'',6''-dimethylpyrano [2'',3'':7,8]flavone [4]	▲	
11.	C <sub>26</sub> H <sub>26</sub> O <sub>5</sub>		418	3-methoxy-6-(3-methylbut-2-enyloxy)-6'',6''-dimethylchromeno-(2'',3'':7,8)-flavone [4]	▲	
12.	C <sub>21</sub> H <sub>22</sub> O <sub>3</sub>	41 <sup>a</sup>	322	Isoderricin A [5]	▲	
13.	C <sub>25</sub> H <sub>26</sub> O <sub>3</sub>		374	8,8-dimethyl-2-phenyl-10-prenyl-2, 3-dihydro-8H-pyrano[ 3, 2-g] chroman-4-one [5]	▲	
14.	C <sub>25</sub> H <sub>28</sub> O <sub>3</sub>		376	7-hydroxy-6, 8-diprenylflavanone [5]	▲	
15.	C <sub>20</sub> H <sub>18</sub> O <sub>5</sub>	11 <sup>a</sup>	338	β,2',5'-trimethoxyfurano [4'',5'':3',4']-chalcone [6]	▲	
16.	C <sub>19</sub> H <sub>20</sub> O <sub>5</sub>		328	β,2',4',5'-tetramethoxychalcone [6]	▲	
17.	C <sub>17</sub> H <sub>10</sub> O <sub>3</sub>	23 <sup>a</sup>	262	Lanceolatin B [7]	▲	
18.	C <sub>21</sub> H <sub>20</sub> O <sub>4</sub>	33 <sup>a</sup>	336	7-methoxy-8-(3''-hydroxy-3''-methyl-1''-butenyl)-flavone [7]	▲	
19.	C <sub>20</sub> H <sub>16</sub> O <sub>6</sub>	18 <sup>a</sup>	352	Pachycarin A [8]	▲	
20.	C <sub>19</sub> H <sub>14</sub> O <sub>5</sub>	25 <sup>a</sup>	322	3',4'-dimethoxy (2'',3'':7,8) furanoflavone [8]	▲	

Table 1. Cont.

No.	Formula	No. in the Manuscript	Molecular Weight	Chemical Name	fc	mp
21.	C <sub>17</sub> H <sub>10</sub> O <sub>4</sub>	39 <sup>a</sup>	278	Pongaglabol [8]	▲	
22.	C <sub>21</sub> H <sub>18</sub> O <sub>4</sub>	40 <sup>a</sup>	334	Karanjachromene [8]	▲	
23.	C <sub>20</sub> H <sub>16</sub> O <sub>3</sub>	38 <sup>a</sup>	304	6",6"-Dimethylpyrano[2",3":7,8]flavone [9]	▲	
24.	C <sub>18</sub> H <sub>14</sub> O <sub>4</sub>	14 <sup>b</sup>	294	Pongamol [10]		▲
25.	C <sub>17</sub> H <sub>16</sub> O <sub>3</sub>		268	cis-2, 6-dimethoxyl chalcone [10]		▲
26.	C <sub>16</sub> H <sub>12</sub> O <sub>5</sub>	1 <sup>b</sup>	284	(-)-maackiain [11]		▲
27.	C <sub>18</sub> H <sub>16</sub> O <sub>6</sub>	2 <sup>b</sup>	328	(6 <i>S</i> , 6 <i>aS</i> , 11 <i>aR</i> )-6 <i>α</i> -methoxypterocarpin [11]		▲
28.	C <sub>17</sub> H <sub>14</sub> O <sub>5</sub>	7 <sup>b</sup>	298	Pterocarpin [11]		▲
29.	C <sub>30</sub> H <sub>36</sub> O <sub>4</sub>		460	(-)-sophoranone [11]		▲
30.	C <sub>18</sub> H <sub>18</sub> O <sub>5</sub>		314	(6 <i>S</i> , 6 <i>aS</i> , 11 <i>aR</i> )-6 <i>α</i> -methoxyhomopterocarpin [11]		▲
31.	C <sub>30</sub> H <sub>36</sub> O <sub>5</sub>		476	(2 <i>S</i> )5,7,4'-trihydroxy-8,3',5'-triprenylflavanone [11]		▲
32.	C <sub>30</sub> H <sub>36</sub> O <sub>5</sub>		476	(2 <i>R</i> ,3 <i>R</i> )7,4'-dihydroxy-8,3',5'-triprenyldihydroflavanol [11]		▲
33.	C <sub>25</sub> H <sub>26</sub> O <sub>6</sub>		422	5,7,2',4'-tetrahydroxy-6,3'-diprenylisoflavone [11]		▲
34.	C <sub>26</sub> H <sub>28</sub> O <sub>6</sub>		436	5,7,4'-trihydroxy-2'-methoxy-6,3'-diprenylisoflavone [11]		▲

Note: ▲ reported in this plant; <sup>a</sup> detected in *Fordia cauliflorae* Radix in the manuscript; <sup>b</sup> detected in *Millettia pulchrae* Radix in the manuscript.

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