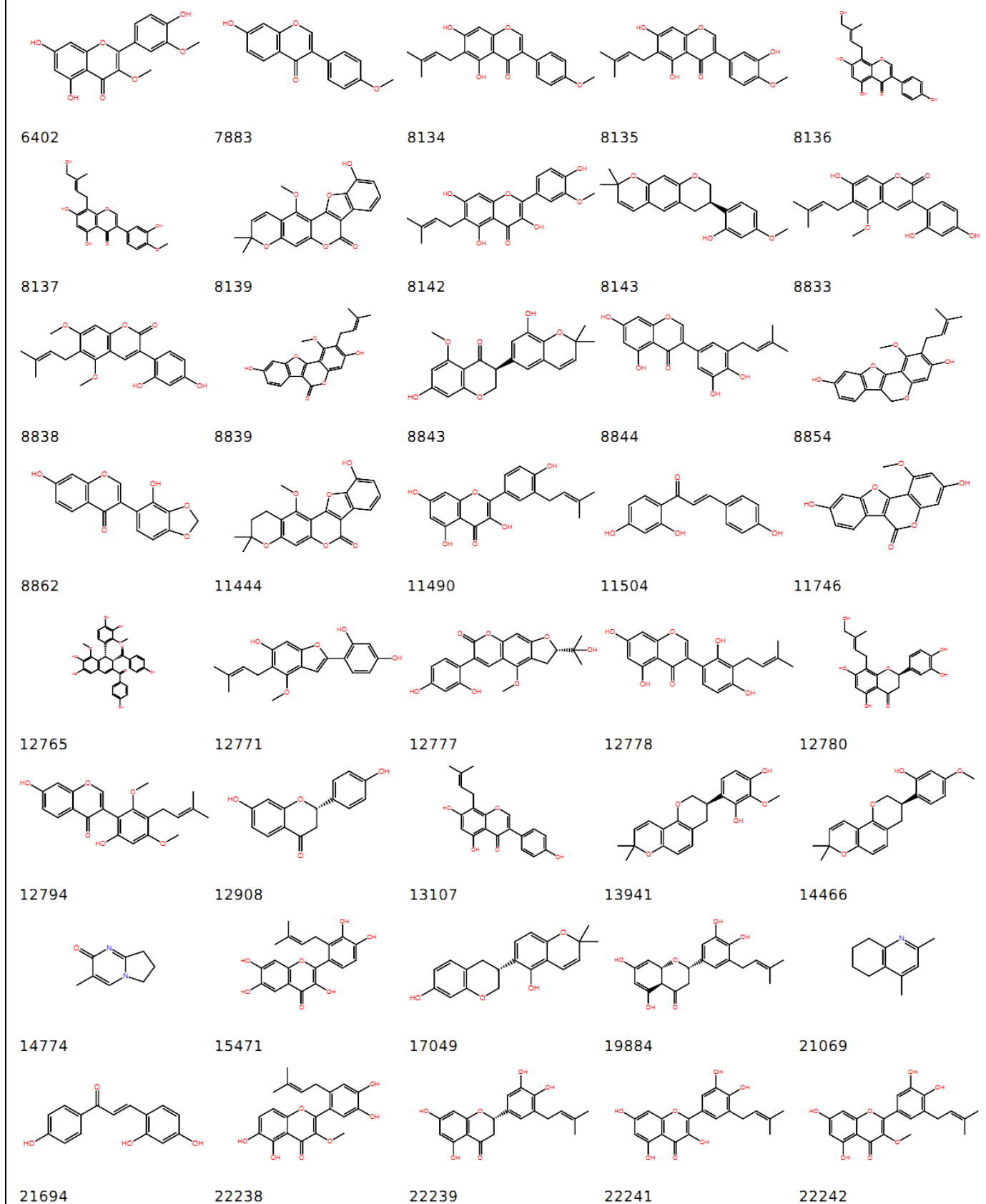
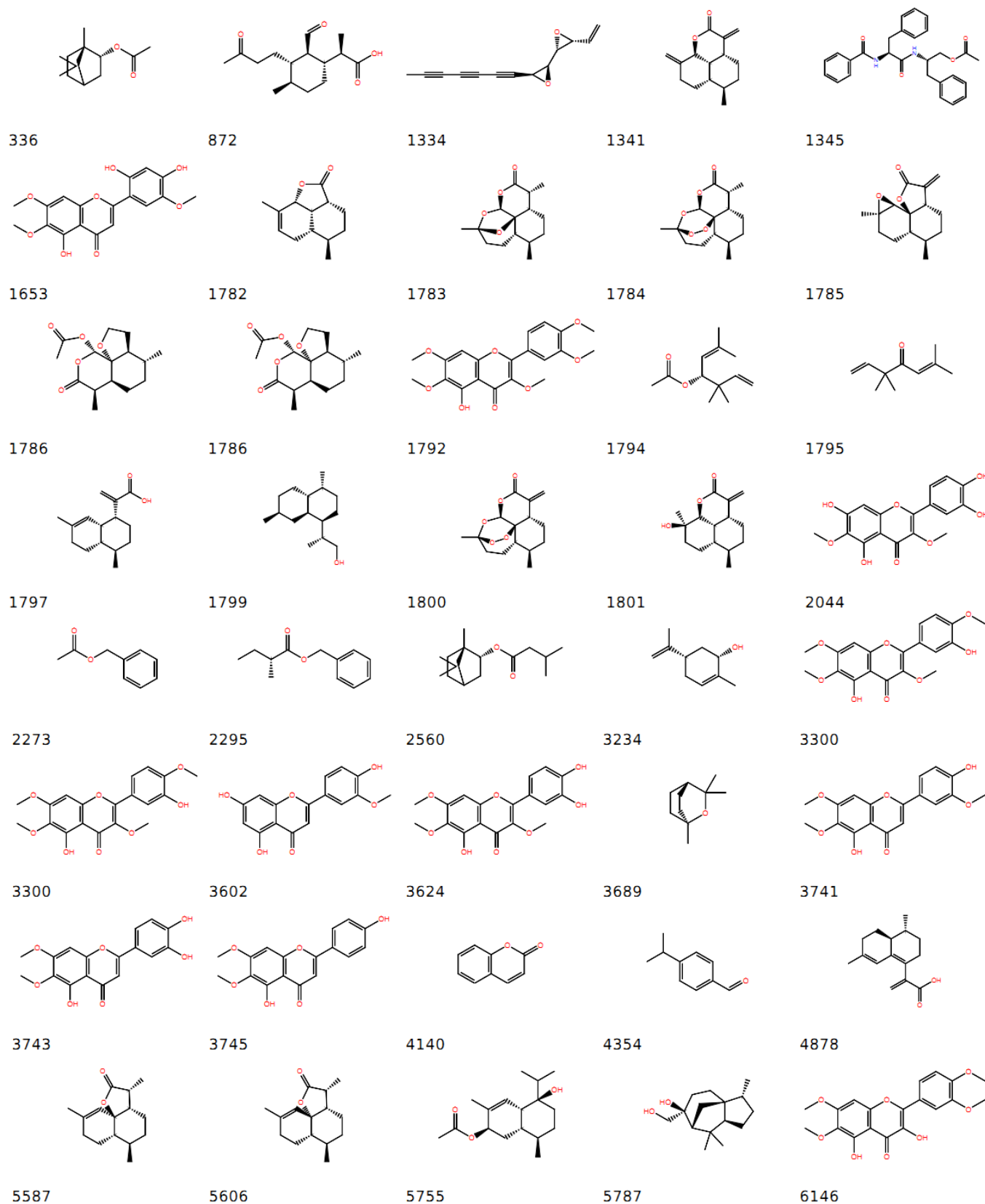


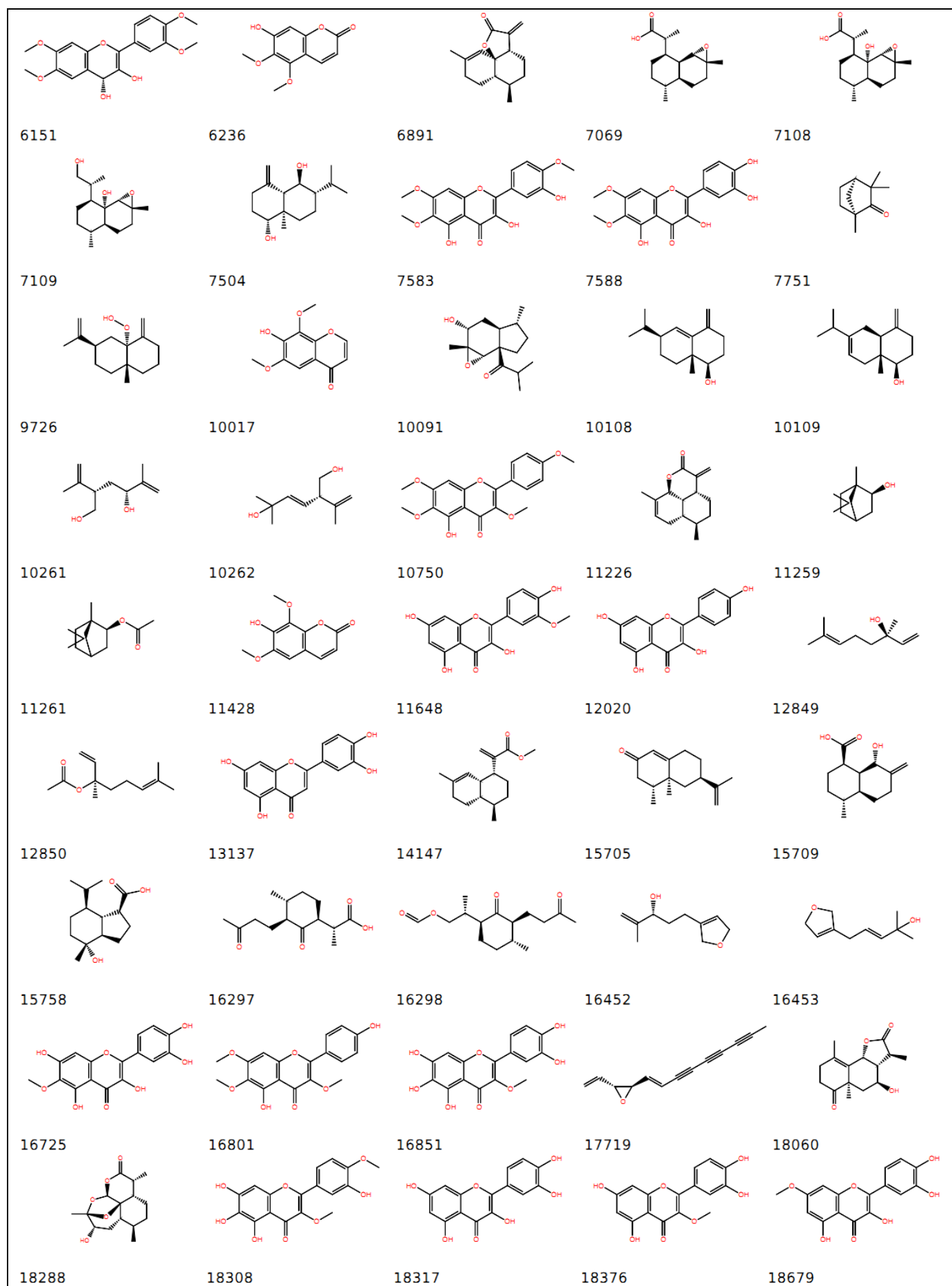
Figure S1 2-D structures of 312 molecules selected from 18 traditional Chinese medicine

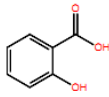
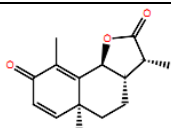
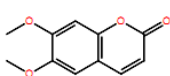
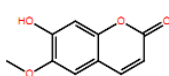
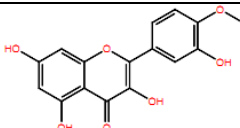
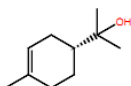
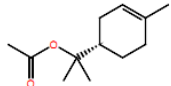
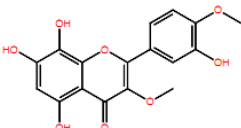
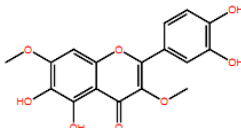
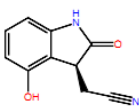
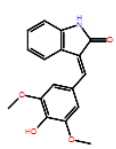
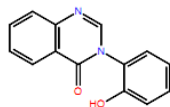
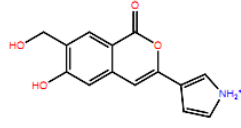
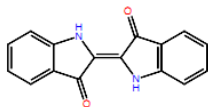
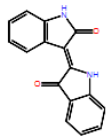
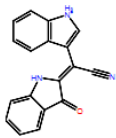
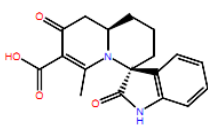
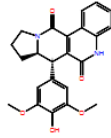
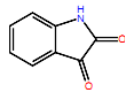
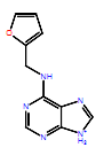
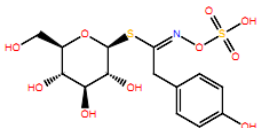
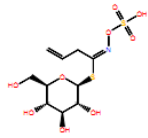
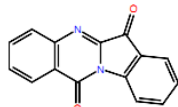
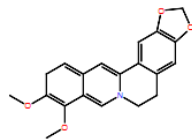
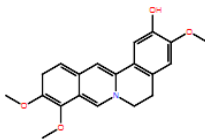
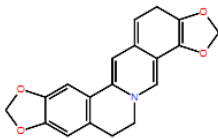
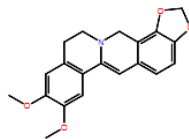
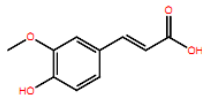
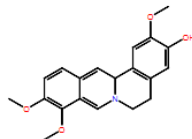
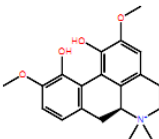
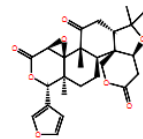
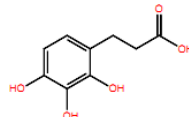
Glycyrrhiza uralensis 甘草



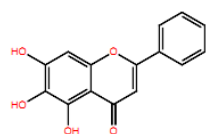
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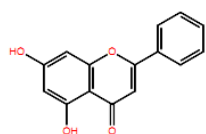


				
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<i>Radix Isatidis</i> 板蓝根				
				
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11024	11030	11186	11187	11190
				
12227	19909	19935	22059	
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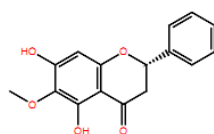
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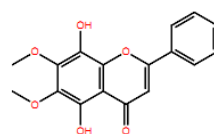
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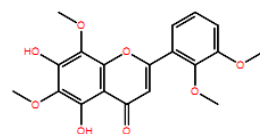
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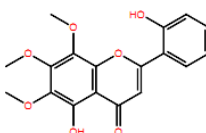
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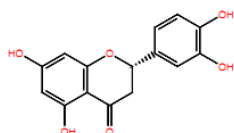
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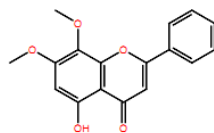
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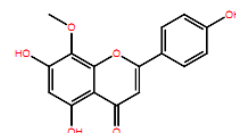
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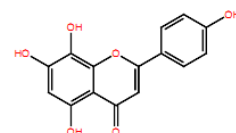
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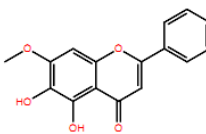
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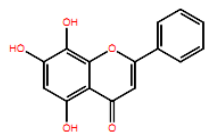
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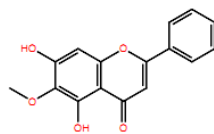
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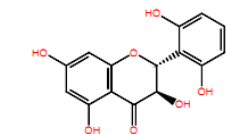
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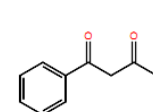
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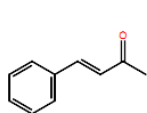
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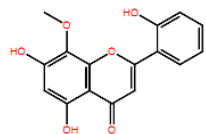
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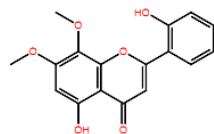
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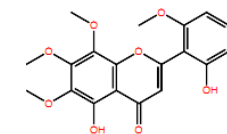
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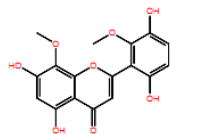
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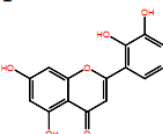
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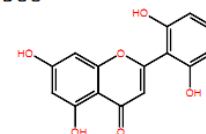
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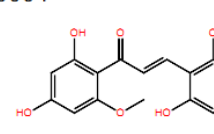
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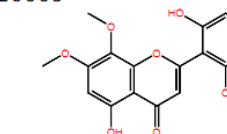
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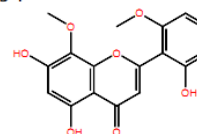
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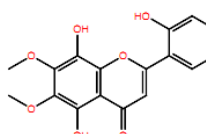
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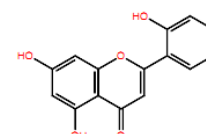
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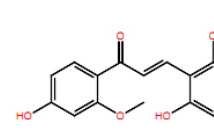
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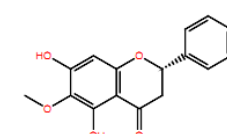
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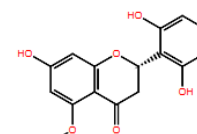
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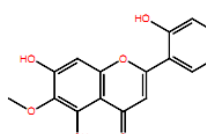
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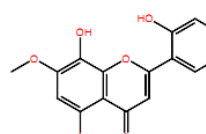
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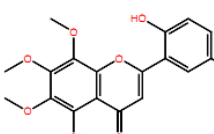
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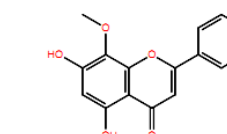
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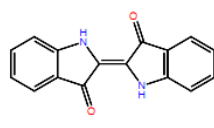


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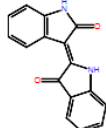


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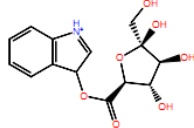
Folium Isatidis 大青叶



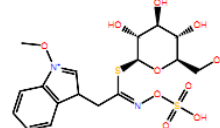
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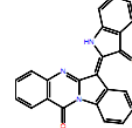
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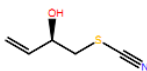
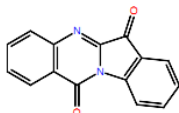
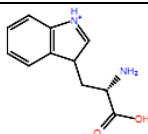
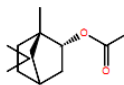
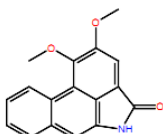
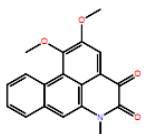
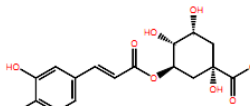
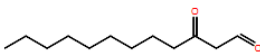
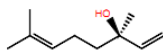
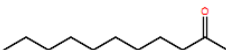
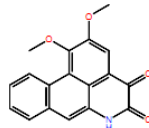
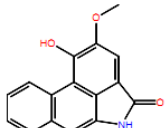
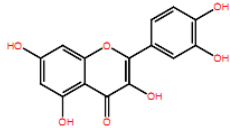
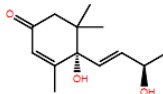
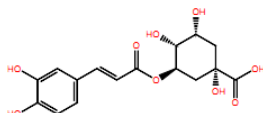
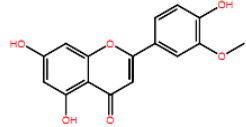
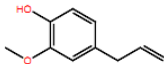
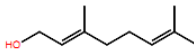
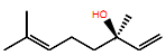
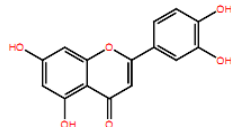
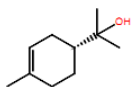
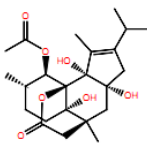
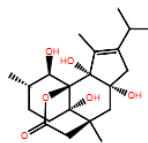
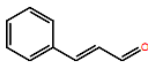
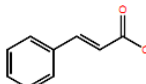
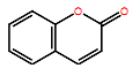
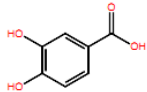
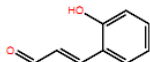
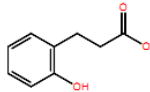
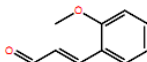
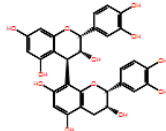
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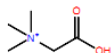
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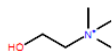
18287

				
21334	22059	22060		
<i>Houttuynia cordata</i> 鱼腥草				
				
336	1695	3409	3551	4837
				
12570	12849	14623	15725	17463
				
18317	22615			
<i>Lonicera japonica</i> 金银花				
				
3551	3602	7521	8312	12849
				
13137	20995			
<i>Cinnamomum aromaticum</i> 桂枝				
				
1263	1264	3693	3695	4140
				
5763	9908	13678	13882	17869

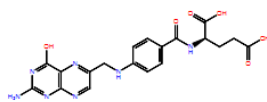
Astragalus membranaceus 黄芪



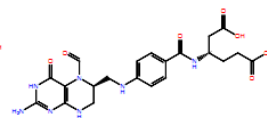
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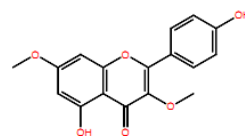
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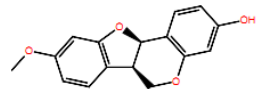
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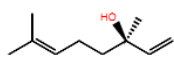


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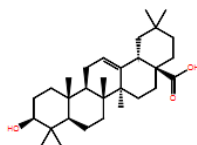


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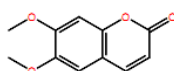
Forsythia suspensa 连翘



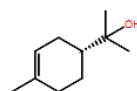
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16050

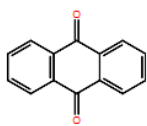


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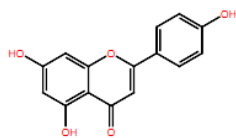


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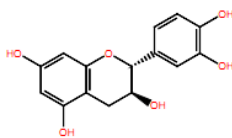
Polygonum cuspidatum 虎杖



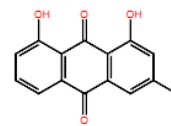
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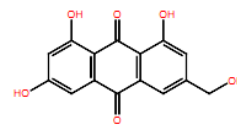
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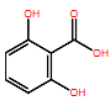
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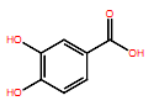
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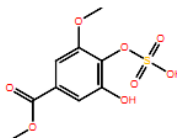
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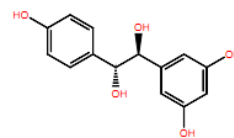
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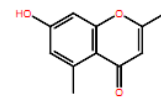
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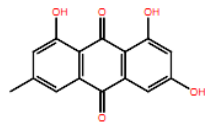
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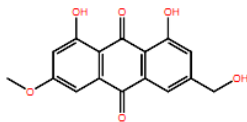
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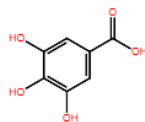
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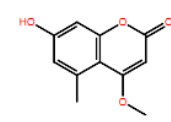
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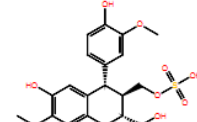
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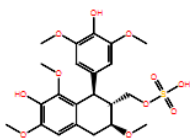
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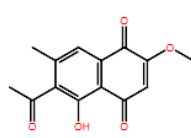
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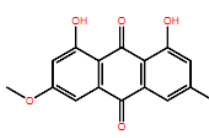
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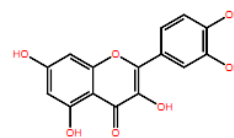
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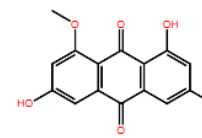
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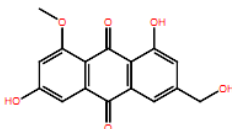
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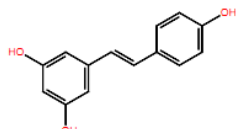
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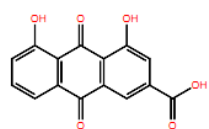
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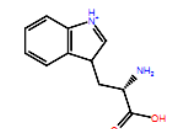
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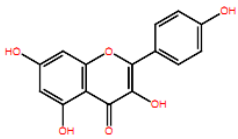


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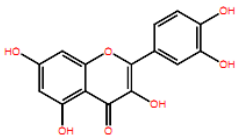


22060

Pyrrosia lingua 石韦

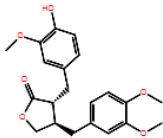


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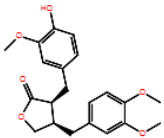


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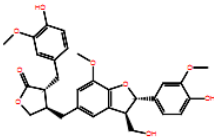
Arctium lappa 牛蒡子



1621

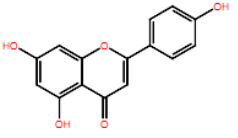


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12513

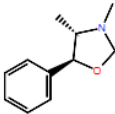
Ephedra sinica 麻黄



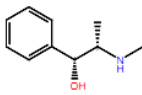
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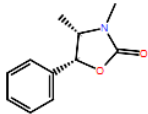
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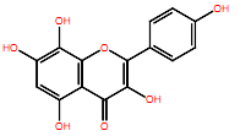
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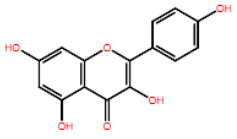
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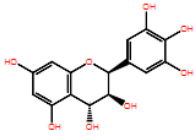
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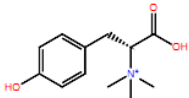
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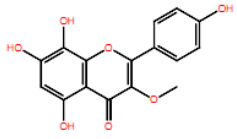
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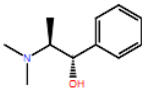
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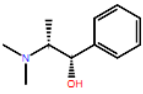
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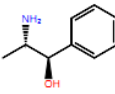
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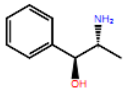
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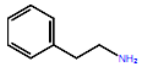
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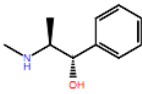
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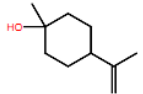
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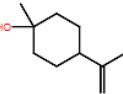
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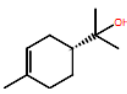
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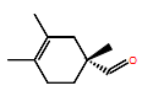
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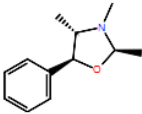
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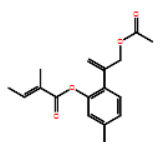


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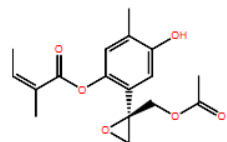


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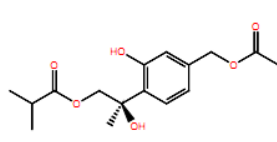
Eupatorium fortune 佩兰



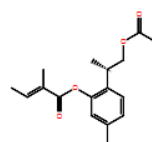
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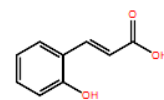
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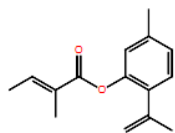
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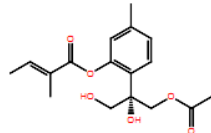
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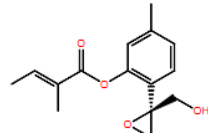
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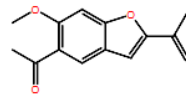
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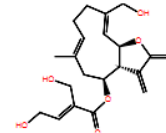
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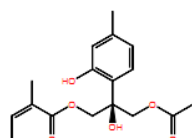
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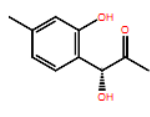
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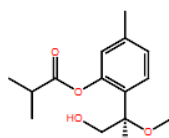
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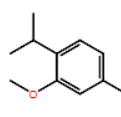
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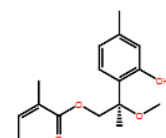
10581



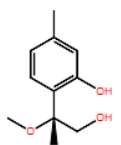
11296



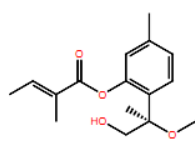
11626



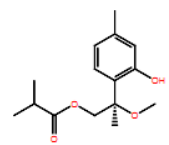
13839



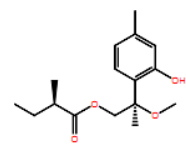
13969



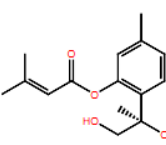
13970



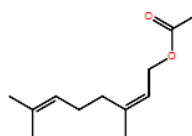
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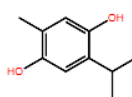
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14179

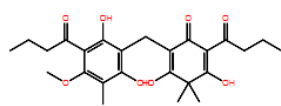


15512

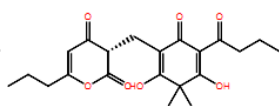


21361

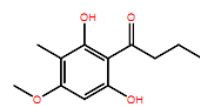
Dryopteris crassirhizoma 贯众



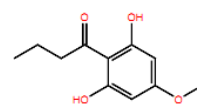
1895



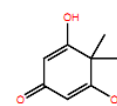
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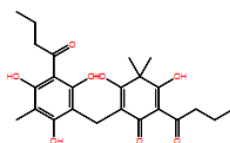
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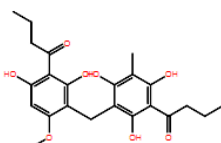
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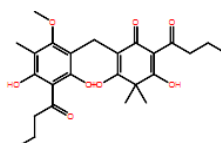
7797



7809

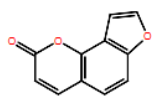


7810

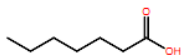


16648

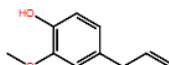
Bupleurum chinense 柴胡



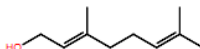
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6795



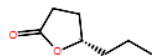
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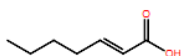
8312



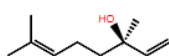
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9402



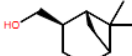
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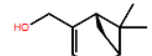
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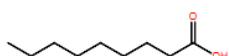
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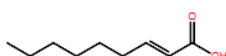
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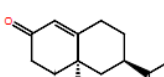
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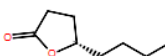
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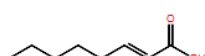
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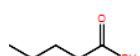
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15971



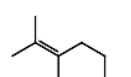
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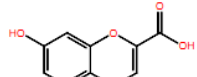
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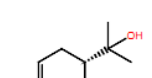
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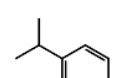
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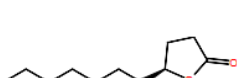
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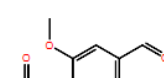
20995



21360



22217



22337

Table S2 AutoDock Vina docking scores (kcal mol⁻¹) of the 312 molecules with eight viral proteins

ID	H7	N9	H1	N1	NP	PB2	M2	PA
153	-6	-7	-6.4	-6.6	-5.4	-6.6	-6.2	-7.6
186	-5.7	-6.5	-6.1	-6.8	-6.1	-6.6	-6.1	-7.4
219	-6.5	-6.6	-5.8	-6.7	-5.6	-6.8	-5.7	-6.9
289	-5.7	-6.4	-6.5	-6.9	-4.9	-7.2	-5.7	-7.4
336	-4.9	-5.6	-4.8	-6.1	-4.3	-6	-5	-6
872	-6.7	-6.1	-5.6	-6.1	-5	-6.6	-5.3	-6.5
1191	-6	-6.4	-5.7	-6.3	-5.3	-6.7	-5.8	-7.1
1263	-6.6	-6.9	-6.1	-7.7	-6.2	-6.9	-6.4	-8.4
1264	-6.5	-7.9	-6.1	-7.5	-6.6	-7.7	-6.6	-8.4
1334	-5.4	-5	-4.6	-4.8	-4.7	-5.7	-4.9	-6.1
1341	-6.1	-6.4	-6.1	-7	-5.6	-8	-6.5	-7.7
1345	-6.3	-7.8	-6.6	-7.4	-5.9	-8	-7.5	-9.6
1367	-6.3	-6.9	-5.9	-7.4	-5.7	-8	-6	-8.3
1476	-7.1	-7.6	-6.5	-7.3	-6.3	-8.3	-6.5	-7.9
1621	-6.3	-7.6	-5.9	-6.9	-6.3	-8.2	-5.7	-7.9
1653	-7.2	-7.2	-6.8	-7.3	-6.4	-7.9	-6.2	-7.9
1695	-6.8	-7	-6.5	-7.7	-6.4	-8.2	-6.4	-9.2
1782	-5.7	-6.7	-5.4	-7.1	-5.2	-7	-5.3	-7.6
1783	-6.6	-6.6	-5.9	-7.3	-6.3	-7.9	-6.4	-7.9
1784	-6.3	-7	-6.5	-7.9	-6.4	-8.1	-6.6	-8.2
1785	-6.5	-6.7	-6	-7.2	-5.5	-7.2	-6	-8
1786	-5.8	-6.9	-5.9	-7.3	-5.4	-7.5	-6	-7.8
1792	-6.3	-7.1	-5	-7.1	-5.9	-6.8	-6.5	-7.8
1794	-4.8	-5.1	-4.8	-5.4	-4.1	-5.5	-4.8	-5.5
1795	-4.6	-4.5	-4.3	-5	-3.9	-5.3	-4.5	-5.1
1797	-5.6	-5.8	-6.3	-7.3	-5.4	-6.5	-6.1	-7.2
1799	-5.5	-5.8	-5.2	-6	-5	-6.4	-5.1	-6.6
1800	-6.5	-7.1	-6.3	-7.8	-6.3	-9.1	-6.5	-8.3
1801	-6.3	-6.8	-6.1	-7.8	-5.9	-7.1	-6.2	-7.9
1895	-6.3	-7.3	-5.9	-7.1	-6.4	-6.5	-6.5	-8
1896	-6.7	-6.8	-6.1	-7.5	-6.1	-7.7	-6.6	-8
1897	-5.5	-6.1	-5.2	-6.4	-4.7	-5.9	-5.1	-6.2
2044	-7.1	-8.4	-5.8	-7.3	-6.1	-7.5	-6.4	-8
2102	-7.7	-8.2	-6.8	-7.6	-6.7	-8.1	-6.6	-8.1
2273	-5.3	-5	-4.7	-5.2	-4.5	-5.3	-4.8	-5.5
2295	-6	-5.3	-4.7	-5.1	-4.4	-6.2	-5.1	-6.5
2303	-7	-7.1	-6.3	-7.2	-6.8	-8.6	-6.5	-8.9
2318	-3.6	-3.7	-3.3	-3.7	-3	-3.5	-3.6	-3.4
2560	-5.4	-5.8	-4.9	-6	-4.8	-6.7	-5.3	-6.5
3234	-5.1	-5.2	-4.6	-5.3	-4.6	-5.9	-4.6	-5.7
3300	-6.4	-7.6	-5.6	-7.3	-6.1	-7	-6.5	-7.6
3308	-6.8	-8.2	-5.9	-7.8	-6.6	-7.3	-6.3	-7.4
3409	-7.1	-7.3	-6.3	-7.9	-7.2	-8.4	-6.7	-10.1
3551	-7.4	-7.4	-6.4	-7.5	-6.1	-7.7	-6.9	-7.9
3589	-3.2	-3.6	-2.8	-3.5	-3.1	-3	-3	-3.2

3600	-7.2	-7.6	-6.7	-7.2	-6.1	-8.1	-6.4	-8
3602	-7.4	-7.5	-6.7	-7.3	-6.7	-8.2	-6.7	-8.1
3615	-6.7	-7.3	-5.9	-7.8	-6.1	-8.4	-6	-8.7
3624	-6.6	-7.6	-5.7	-7.4	-6.2	-7.4	-6.5	-7.7
3633	-4.2	-4.6	-3.8	-4.6	-3.8	-4.8	-4.1	-4.9
3689	-4.5	-5.9	-4.1	-5.7	-4	-5.6	-4.7	-5.3
3693	-5	-4.9	-4.6	-5.1	-4.3	-5.2	-4.5	-5.6
3695	-5.5	-5.4	-5.1	-5.5	-4.8	-5.9	-4.8	-5.9
3741	-7.3	-7.7	-6.8	-7.1	-6.5	-8	-6.7	-8.1
3743	-7.3	-8	-6.9	-7.3	-6.4	-8.3	-6.7	-7.9
3745	-6.9	-7.8	-6.4	-7	-6	-8	-6.5	-8
3765	-6.7	-7.3	-5.9	-7.5	-6.4	-8	-6	-8.3
3934	-7.9	-7.7	-5.8	-7	-6.4	-8.6	-6.1	-8.5
4032	-8.2	-8.1	-6.8	-8.1	-7.1	-9.5	-7.1	-9.6
4134	-5.8	-5.9	-5.5	-6	-4.9	-5.7	-5.1	-5.9
4140	-5.5	-5.5	-5.1	-5.5	-4.6	-5.8	-5.2	-6.1
4354	-5.3	-5	-5	-5.2	-4.5	-5.8	-4.8	-5.9
4837	-5.1	-4.7	-4.7	-5	-4	-5.2	-4.7	-5
4878	-6.2	-5.9	-6.5	-6.4	-5.4	-7.1	-5.9	-7.2
4975	-5.5	-5.6	-5.1	-6	-5.1	-7.2	-5.4	-7.1
5244	-5.7	-5.8	-5.3	-6	-4.4	-5.7	-4.8	-5.8
5587	-6.2	-6.1	-6.4	-7	-5.3	-7.1	-5.8	-7.5
5606	-6.5	-6.4	-6	-6.8	-5.6	-7.7	-6.1	-8
5637	-5.7	-6.2	-5	-6.5	-5.3	-5.8	-4.9	-6.9
5685	-7.7	-7.8	-6.5	-7.2	-6.4	-7.9	-6.5	-7.9
5751	-6.4	-6.6	-6.2	-6.3	-5.4	-6.9	-5.9	-7.3
5755	-6.3	-6.8	-5.4	-6.9	-5.5	-6.8	-6.1	-7.7
5762	-5.5	-5.7	-5	-5.7	-4.4	-5.2	-5.1	-5.3
5763	-5.2	-5.6	-4.9	-5.7	-4.3	-5.1	-4.9	-5.3
5787	-5.7	-6.6	-5.4	-6.9	-5.3	-7.1	-5.9	-6.7
5830	-7	-7.6	-6.4	-7.4	-6.5	-7.8	-6.4	-7.9
5964	-6.3	-6	-5.3	-6.5	-5.1	-5.8	-5.2	-6.3
6087	-6.4	-6.9	-5.8	-6.9	-5.5	-6.7	-6	-7.2
6146	-6.6	-7.2	-6	-7.2	-6	-7.8	-6.4	-7.9
6150	-6.9	-7	-6.2	-7	-5.8	-7.3	-6.4	-7.7
6151	-6.4	-6.7	-5.9	-7.3	-5.9	-6.9	-5.9	-7.9
6161	-7	-7	-6.2	-7.7	-6.3	-7.6	-6.4	-7.8
6235	-7.5	-6.9	-5.9	-7.5	-5.9	-7.5	-6.5	-8.1
6236	-5.6	-6.1	-5.2	-6.3	-5	-6	-5.2	-6.4
6360	-5.7	-6.3	-5.3	-6.4	-5.1	-6.5	-5.2	-7
6396	-5.5	-5.6	-4.9	-5.8	-4.5	-6.1	-4.8	-6.3
6402	-6.7	-7.5	-5.8	-7.3	-6	-7.2	-6.7	-7.9
6776	-6.8	-7.4	-6.2	-7.3	-6.5	-8.1	-6.1	-8.6
6795	-4.8	-4.5	-4.7	-4.6	-3.9	-4.4	-4.1	-4.5
6815	-5.1	-5.3	-4.7	-5.4	-4.2	-5.4	-4.7	-5.4
6816	-6	-5.8	-5.1	-6	-4.7	-6.1	-5.1	-6.6
6835	-7.7	-7.7	-6.1	-7.5	-6.6	-8.7	-6.7	-9.2
6891	-6.2	-6.9	-6.7	-6.9	-5.5	-7	-5.9	-7.8

7069	-6.2	-6.5	-6	-6.8	-4.9	-7.1	-5.9	-7.2
7108	-6.4	-7.3	-6.1	-6.7	-4.9	-6.9	-5.4	-7.2
7109	-5.4	-6.9	-5.3	-6.4	-4.8	-6.7	-5.6	-6.9
7146	-5.7	-6.8	-5.3	-6.2	-5	-6.8	-5.6	-6.8
7278	-7.4	-8.2	-6.5	-7.7	-6.8	-8.4	-6.7	-8
7504	-5.7	-6.3	-5.3	-6.6	-5.2	-6.8	-5.5	-7.1
7521	-5.4	-5.1	-5.4	-5.2	-4.3	-5.5	-4.5	-5.7
7578	-6.3	-6.1	-5.5	-6.1	-5.3	-6.6	-6.2	-6.8
7583	-6.6	-7.6	-6.1	-7.4	-6.3	-8	-6.5	-7.8
7588	-6.9	-7.6	-6.1	-7.3	-6.2	-7.9	-6.6	-7.9
7593	-7.1	-6.9	-5.9	-7.8	-6.6	-7.4	-6.8	-8.6
7710	-6.3	-7.3	-6	-7.5	-6.4	-8.1	-6.1	-8.4
7751	-4.3	-5.5	-4.3	-5.5	-4.4	-5.6	-4.5	-5.4
7768	-5.9	-5.8	-5.7	-5.9	-5.1	-5.9	-5.3	-6
7797	-5	-5.6	-4.6	-5.5	-4.4	-5	-4.5	-5.1
7809	-6.6	-7.3	-5.8	-7.2	-6.6	-6.8	-7.8	-7.6
7810	-6.2	-7.1	-5.8	-7	-6.6	-6.6	-6.6	-7.6
7852	-8.1	-8	-6.8	-8.2	-6.7	-8.5	-6.7	-8.9
7853	-7.4	-7.6	-6.8	-8.3	-6.6	-8.4	-7.1	-8.3
7883	-6.8	-6.7	-5.7	-6.6	-5.9	-8.1	-6.6	-8
8095	-5.3	-5.6	-4.8	-5.7	-4.6	-5.3	-4.5	-5.3
8134	-6.8	-7.3	-5.9	-7.6	-6.6	-9.2	-6.9	-8.7
8135	-6.8	-7.2	-6.1	-7.9	-6.8	-9.1	-6.9	-9.1
8136	-6.8	-7.5	-6.7	-7.5	-6.5	-7.9	-7	-8.9
8137	-7.3	-7.4	-6.3	-7.3	-6.6	-7.5	-6.7	-8.5
8139	-8	-8	-6.4	-8.2	-6.9	-9.9	-6.9	-10.3
8142	-7.2	-7.4	-6.6	-7.6	-6.5	-8.6	-6.6	-8.3
8143	-6.7	-7.2	-6	-7.5	-6.9	-8.9	-7.1	-9.8
8312	-5.3	-4.8	-5.1	-5.3	-4.3	-5.6	-4.4	-5.5
8833	-6.8	-7.2	-6.4	-7.9	-6.5	-7.8	-6.8	-8.6
8838	-6.7	-7.1	-6	-8	-6.5	-7.8	-6.4	-8.6
8839	-7.5	-7.6	-6.5	-7.7	-6.5	-8.6	-6.6	-8.8
8843	-7.1	-7.7	-6.5	-8	-6.9	-8.6	-8	-9.1
8844	-7.3	-7.9	-6.9	-7.9	-6.9	-8.3	-7.7	-9.3
8854	-7.2	-7.3	-6.6	-7.3	-6.3	-8.6	-6.6	-8.7
8862	-7.4	-7.3	-6.4	-7.6	-6.6	-8.5	-6.6	-8.6
9021	-4.4	-4.7	-4.2	-4.7	-3.9	-4.5	-4.4	-4.6
9402	-4.5	-4.5	-4.4	-4.5	-3.6	-4.8	-4.2	-4.6
9415	-4.8	-4.3	-4.7	-4.4	-4.3	-4.7	-4.4	-4.6
9421	-6.8	-7.6	-6.2	-7.2	-6.4	-7.5	-6.4	-7.8
9726	-5.3	-6.2	-5.4	-6.6	-5.1	-7.2	-5.5	-6.9
9761	-6.7	-7.3	-6	-6.9	-5.6	-7	-5.7	-7.4
9908	-5.2	-5.3	-4.9	-5.6	-4.3	-5.4	-4.9	-5.6
10017	-5.2	-6.4	-5	-6.1	-5.2	-5.8	-5.2	-6.6
10026	-7	-7.6	-6.3	-7.2	-6.2	-8	-6.4	-8
10091	-5.5	-6.4	-5.4	-6.5	-5	-6.9	-5.5	-6.6
10108	-5.6	-6.2	-5.6	-6.3	-5.5	-6.9	-5.7	-7.3
10109	-5.8	-6.4	-5.6	-6.6	-5.4	-6.9	-5.8	-7.2

10261	-4.7	-5	-4.5	-4.9	-3.9	-5	-4.4	-5.2
10262	-5	-5.1	-5	-5.4	-4.2	-5.1	-4.3	-5.2
10419	-6.1	-6.7	-6.1	-6.7	-5.1	-6.3	-5.1	-6.9
10581	-6	-5.7	-5.1	-5.7	-4.6	-5.9	-5.1	-5.9
10643	-6	-6.7	-5.6	-7.4	-5.7	-7.7	-6.2	-8.2
10750	-6.4	-7.3	-5.5	-7	-5.8	-7.1	-6.3	-7.6
10829	-7.1	-7.5	-6.2	-7.5	-6.3	-7.8	-6.5	-7.9
11022	-7.1	-7	-6.1	-6.8	-5.9	-7.9	-6.3	-7.5
11023	-7.2	-7.5	-6.6	-7.7	-6.3	-8.8	-6.7	-8.6
11024	-7.4	-7.9	-6.8	-8	-6.4	-9	-6.9	-9.2
11030	-7.6	-8.3	-6.7	-8	-6.7	-8.6	-7.6	-9.4
11186	-7.3	-7.8	-6.6	-8.2	-6.7	-8.2	-7	-8.5
11187	-6.6	-7.9	-6.1	-8.2	-7	-8.7	-7.8	-9.5
11188	-6.7	-7.5	-6	-7.9	-6.2	-7.6	-6.4	-7.5
11190	-6	-5.6	-5.1	-5.6	-4.4	-5.7	-4.8	-5.8
11226	-6	-6.3	-6.1	-7.5	-5.7	-7.7	-6.2	-8.4
11236	-6.8	-7.6	-6.1	-7.2	-6.3	-7.7	-6.5	-8.4
11259	-4.3	-5.2	-4.1	-5.4	-4	-5.2	-4.4	-5.1
11261	-5	-6	-5.1	-6.1	-4.5	-6	-5.1	-5.7
11296	-5.3	-5.7	-5.2	-5.9	-4.9	-6.1	-5.6	-6.5
11428	-5.9	-6.2	-5.5	-6.2	-5.2	-6.3	-5.4	-6.8
11444	-8	-8.2	-6.4	-8.2	-6.7	-10	-7.2	-10.1
11483	-6.3	-7.1	-6.6	-7.1	-6.3	-7.4	-6.8	-8.1
11490	-7.3	-8	-6.5	-7.7	-6.7	-8.3	-7.3	-8.9
11504	-7.1	-7.5	-6.3	-6.7	-5.7	-7.6	-6.7	-7.9
11626	-5	-5.1	-4.7	-5.2	-4.3	-5.6	-4.5	-6
11648	-6.7	-7.6	-5.8	-7.3	-6.1	-8.2	-6.7	-8.1
11703	-7	-7.6	-6.4	-7.4	-6.2	-8.1	-6.4	-7.8
11746	-7.4	-7.4	-6.8	-7.4	-6.7	-8.2	-6.1	-8.3
11851	-6.9	-7.4	-5.7	-7.2	-6.5	-8	-6	-8.4
12020	-6.7	-7.8	-6.3	-7.2	-6	-7.8	-6.4	-7.9
12227	-5.7	-6.4	-5.4	-6.7	-5	-6.1	-5.5	-6.2
12331	-6.5	-7.4	-6.2	-6.9	-5.8	-7.4	-6.3	-7.6
12513	-7.2	-8.3	-6.7	-8.7	-6.6	-8.5	-6.9	-8.4
12570	-4.5	-4.5	-4	-4.6	-3.7	-5.2	-4.4	-4.8
12717	-6.7	-8.2	-6.3	-7.5	-6.4	-7.6	-6.4	-7.7
12765	-6.3	-7.1	-5.9	-7.2	-7.1	-6.7	-7.3	-8.4
12771	-7.3	-7	-6.2	-6.9	-6.7	-8.8	-6.2	-8.6
12777	-6.9	-7.6	-6.9	-8	-6.8	-8.6	-6.9	-9.4
12778	-7.2	-7.7	-6.3	-7.4	-6.4	-8	-7.1	-8.9
12780	-7.3	-7.8	-6.9	-8	-7.2	-7.8	-6.9	-8.5
12794	-6.8	-6.9	-6.1	-6.9	-6.1	-7.6	-6.9	-8.7
12849	-5	-4.8	-4.8	-4.9	-4.1	-5.3	-4.3	-5.1
12850	-5.5	-5.4	-5.2	-5.2	-4.2	-5.7	-4.9	-5.8
12908	-6.9	-7.5	-6.5	-7.1	-6.2	-8.1	-6.5	-8
13107	-6.9	-7.4	-6.6	-7.1	-6.3	-8.5	-7.2	-9
13137	-7.3	-8.2	-6.8	-7.8	-6.5	-8.5	-6.7	-8.1
13254	-6.1	-6.5	-5.8	-7.3	-6.1	-7	-6.1	-7.5

13374	-7.2	-7.5	-6.1	-7.8	-6.9	-8.1	-6.5	-9.3
13543	-5.4	-6.3	-5.4	-6.1	-4.6	-5.9	-5	-6
13638	-6.5	-7.4	-5.8	-7.1	-6.2	-8	-6.3	-8.1
13678	-5.8	-5.7	-5.4	-5.7	-4.6	-5.4	-4.8	-6
13832	-6.4	-7	-5.6	-6.9	-5.8	-7.3	-5.8	-7.5
13839	-5.7	-5.9	-5	-6.7	-4.9	-7	-5.8	-6.9
13847	-7.2	-7.9	-6.6	-7.2	-6.7	-8	-6.6	-8.2
13882	-5.1	-5.2	-4.7	-5.4	-4.4	-5.5	-4.9	-5.7
13941	-7.7	-7.8	-5.8	-7.7	-6.7	-8.9	-6.9	-10
13947	-6.1	-7.5	-6.5	-7.2	-6.3	-7.5	-6.3	-7.6
13969	-5.3	-5.5	-5	-5.5	-4.6	-6	-5.3	-5.7
13970	-5.6	-6.3	-5.3	-6.2	-5.2	-6.4	-5.7	-7.1
13973	-5.8	-6	-5.1	-6.5	-5	-6.7	-5.4	-6.7
14005	-5.9	-6	-5.3	-6.5	-4.8	-6.8	-5.7	-7
14147	-5.7	-5.9	-6.2	-6.6	-5.4	-6.7	-5.6	-7.6
14179	-5.7	-6.4	-5.4	-6.4	-5.2	-6.6	-5.2	-7.1
14275	-3.9	-4	-3.5	-4	-3.3	-5.5	-3.9	-4.1
14395	-5.1	-5.2	-4.6	-5.4	-4.1	-5.6	-4.5	-5.6
14466	-8	-7.6	-6.1	-7.5	-6.6	-8.6	-7	-9.9
14623	-4.8	-4.7	-4.2	-4.7	-3.9	-5.2	-4.3	-5.1
14701	-5	-5.3	-4.4	-5.3	-4.1	-5.6	-4.5	-5.7
14774	-5.2	-5.1	-4.5	-5.1	-4.3	-5.3	-4.6	-5.4
15218	-4.4	-5.4	-4.4	-5.5	-4	-5.3	-4.5	-5.1
15221	-4.6	-5.8	-4.6	-5.8	-4	-5.4	-4.5	-5.2
15400	-7.1	-7.8	-6.1	-8.4	-6.7	-7.8	-6.9	-7.6
15471	-7.7	-7.9	-6.3	-8	-6	-7.4	-6.9	-8.6
15512	-5.8	-5.3	-5.5	-4.9	-4.7	-6.1	-5.2	-6.2
15684	-5.2	-4.6	-4.5	-4.6	-4.1	-4.9	-4.5	-4.8
15694	-5.3	-4.6	-4.8	-4.9	-4.1	-5.3	-4.6	-4.9
15705	-6	-6.9	-5.8	-6.9	-5.7	-7.6	-6.1	-7.4
15709	-5.6	-6.2	-5.6	-6.7	-5.1	-7	-5.4	-6.5
15725	-7.4	-7.8	-6.8	-8.2	-7	-8.7	-6.6	-9.9
15745	-4.9	-5	-4.6	-5.2	-4.3	-5.3	-4.8	-5.2
15758	-5.9	-6.3	-5.6	-6.8	-4.9	-6.6	-5.3	-6.6
15789	-4.8	-5.2	-4.4	-5.2	-4.1	-5.2	-4.4	-5.4
15815	-6.9	-7.6	-6.6	-7.3	-6.3	-8	-6.3	-8
15882	-7.2	-8.8	-7.9	-8.5	-7.6	-8.1	-8.5	-10.4
15971	-5	-4.6	-4.9	-4.7	-4	-5	-4.6	-5
15982	-5.2	-4.5	-4.9	-4.7	-4.2	-4.9	-4.5	-4.8
16050	-7.6	-8.3	-6.6	-7.9	-7.2	-9.1	-8.2	-9.5
16216	-7.6	-7.8	-6.6	-7.3	-6.2	-7.8	-6.5	-8
16297	-6.8	-6.1	-5.2	-6.7	-5.1	-6.5	-5.5	-6.5
16298	-5.5	-5.9	-5.1	-5.8	-4.8	-6.5	-5.4	-6.7
16452	-5	-4.8	-5	-5.4	-4.1	-5.3	-4.6	-5.3
16453	-5.3	-5.2	-5.4	-5.6	-4.3	-5.6	-4.6	-5.4
16648	-6.5	-7.3	-6	-7.2	-6.6	-6.5	-6.8	-7.5
16725	-7.2	-8.2	-6.2	-7.3	-6.3	-7.8	-6.5	-7.8
16801	-6.2	-7.4	-6.2	-7	-6	-7.2	-6.4	-7.6

16846	-6.5	-8	-6.2	-7.3	-6.3	-7.2	-6.1	-7.9
16851	-7.4	-8.6	-6.1	-8.8	-6.4	-7.5	-6.7	-7.9
16884	-4.2	-4	-3.7	-3.9	-3.8	-4.8	-3.8	-4
17049	-7	-8.1	-6	-8.2	-6.7	-9.4	-7	-9.3
17083	-4.4	-4.9	-4.2	-4.9	-3.8	-4.8	-4.2	-5.1
17089	-4.1	-4.3	-4	-4.3	-3.6	-5.9	-4	-4.3
17098	-5.5	-5.4	-4.8	-5.6	-4.4	-5.6	-5	-6
17101	-5.3	-5.2	-4.9	-5.7	-4.8	-5.7	-4.8	-5.9
17247	-6.4	-7.1	-5.8	-7.2	-6.5	-8.3	-6.2	-8.7
17463	-6.9	-7.1	-6.5	-8.1	-6.4	-8.1	-6.5	-9.2
17719	-5.3	-4.9	-4.3	-5	-4.4	-5.8	-4.7	-5.7
17869	-7.6	-8.9	-6.5	-9	-7.2	-7.6	-7.5	-9.9
18024	-5.2	-5.3	-4.8	-5.4	-4.3	-5.3	-4.5	-5.3
18060	-6.3	-7.6	-6.1	-8	-5.8	-7.4	-6	-7.2
18190	-4.8	-5.1	-4.5	-5.3	-4.6	-5.8	-4.5	-5.9
18287	-7.8	-9	-7.1	-9.1	-8.1	-10.2	-8.3	-10.6
18288	-6.6	-6.9	-6	-7.6	-6.4	-7.7	-6.4	-8
18308	-7.3	-8.6	-5.9	-8.8	-6.7	-7.5	-6.6	-8.1
18317	-6.9	-8.4	-6.1	-8.1	-6.1	-7.9	-6.5	-8
18376	-6.9	-8.3	-5.8	-8.3	-6.2	-7.6	-6.5	-7.8
18416	-6.8	-7.1	-6	-7.3	-6.5	-8.1	-6.1	-8.2
18417	-6.7	-7.4	-5.9	-7.4	-6.5	-8.2	-6	-8
18643	-6.8	-7	-6.1	-6.4	-5.6	-7.7	-5.8	-7.7
18679	-6.8	-7.8	-6.1	-7.4	-6.3	-7.9	-6.5	-7.8
18759	-7	-7.4	-6.8	-8.3	-6.8	-8.4	-6.4	-8.6
19130	-6.1	-6.7	-6.1	-6.8	-5.3	-6.5	-5.7	-6.9
19187	-5.3	-5.8	-4.9	-5.6	-4.4	-5.3	-4.7	-5.3
19314	-6.2	-7.7	-6	-7.9	-6	-9.1	-6.2	-8.1
19540	-5.6	-5.9	-5.2	-6.2	-5	-6.2	-5.3	-6.5
19542	-5.9	-5.9	-5.3	-6.3	-5.1	-6.1	-5.3	-6.6
19588	-7.2	-7.4	-6.1	-7.5	-6.3	-7.9	-6.3	-8.2
19884	-7.2	-8.4	-6.6	-7.9	-7.1	-8.5	-7.1	-8.8
19909	-7.1	-7.5	-6.9	-7.7	-5.8	-7.2	-6.7	-6.7
19935	-6.1	-6.8	-6.1	-7	-5.5	-6.3	-5.8	-6.4
20004	-7.1	-7.1	-6.2	-7.5	-6.3	-7.8	-6.4	-7.9
20009	-6.4	-6.7	-5.9	-7.8	-6.3	-7.3	-6	-7.4
20657	-6.9	-8.4	-5.8	-8.2	-6.5	-8.1	-6.8	-7.9
20993	-5.3	-5.3	-4.7	-5.2	-4.1	-5.6	-4.4	-5.7
20994	-5.3	-5.2	-4.5	-5.2	-4.1	-6	-4.5	-5.5
20995	-5.5	-5.5	-4.9	-5.4	-4.5	-6.1	-4.6	-5.6
20999	-5.3	-5.6	-4.9	-5.8	-4.8	-6.1	-5.4	-6.4
21069	-4.9	-5.3	-4.5	-5.9	-4.6	-6.5	-5.2	-6.7
21094	-6.8	-7.1	-6.2	-7.3	-6.4	-6.9	-6	-7.4
21096	-6.4	-7.9	-5.9	-7.4	-6.8	-7.5	-6.8	-7.8
21097	-6.5	-8	-6.1	-7.4	-6.2	-7.4	-6.7	-7.6
21113	-7.1	-7.6	-6.6	-7.4	-6.5	-8.1	-6.5	-8.1
21114	-6.9	-7.2	-6.8	-7.6	-6.1	-7.6	-6.2	-8
21126	-6.5	-6.8	-6	-7.2	-6.1	-6.8	-5.9	-7.8

21334	-4	-4.3	-3.9	-4.2	-3.5	-3.9	-3.7	-3.9
21360	-5.2	-5	-4.8	-5.2	-4.1	-5.7	-4.4	-5.8
21361	-5.2	-5.4	-4.5	-5.5	-4.1	-5.8	-4.8	-5.7
21689	-6	-6.3	-6.1	-6.2	-4.7	-5.7	-4.9	-5.8
21694	-6.7	-7.3	-6.3	-6.7	-5.9	-7.7	-6.7	-8.1
21708	-6.9	-7.2	-6.2	-7.7	-6.3	-7.6	-5.9	-7.6
21710	-6.9	-6.7	-6.1	-7.1	-6.2	-7.3	-6.1	-7.8
21712	-7.1	-7.5	-6.2	-7.5	-6.3	-7.7	-6.4	-7.7
21732	-7.2	-7.6	-6.5	-7.3	-6.2	-8	-6.5	-8.1
21769	-6.7	-6.6	-6.1	-6.7	-5.9	-7	-6.1	-7.8
21772	-7.4	-7.8	-6.6	-7	-6.2	-8	-6.4	-7.9
21773	-6.6	-7.5	-5.6	-7.3	-6	-7.3	-6	-7.9
21775	-7.2	-7.2	-6.4	-7.6	-6.2	-7.9	-6.5	-8.1
21777	-7.1	-7.5	-6.2	-7.4	-6.5	-7.9	-6.3	-7.8
21855	-7.1	-7.2	-6.5	-7.6	-6.3	-7.5	-6.4	-7.8
21950	-4.9	-5.1	-4.4	-5.2	-4.6	-5.8	-4.4	-5.8
21973	-5.5	-5.7	-5.2	-5.9	-4.7	-6.3	-5.2	-6.6
22059	-7	-7.8	-6.4	-7.4	-6.3	-8.8	-6.7	-8.9
22060	-5.7	-6.5	-5.7	-6.5	-5.5	-6.5	-5.3	-6.5
22217	-5.3	-5.1	-5.1	-5.3	-4.2	-5.6	-4.6	-5.6
22238	-6.9	-8.4	-6.2	-8.1	-6.8	-7.7	-7.2	-8.9
22239	-7.2	-8.4	-6.7	-7.8	-7.1	-8.8	-7.1	-9.1
22241	-7.3	-8.6	-6.8	-8.1	-6.7	-8.6	-7.2	-8.8
22242	-7.1	-8.2	-6.6	-8.1	-6.8	-8.6	-7	-8.7
22337	-5.3	-5.2	-5.1	-5.5	-4.5	-5.7	-4.8	-5.4
22615	-5.5	-6.6	-5.2	-6.5	-5	-6.1	-5.1	-6.1
22718	-7	-7.4	-6.3	-7.3	-6.2	-7.9	-6.4	-8.1