



Figure S1 Multivariate statistical analysis of serum metabolic profile in positive ion mode. A, PCA plot of CK, CG, MK and MG groups; B, OPLS-DA plot of CK and CG groups; C, OPLS-DA plot of MK and MG groups.

Table S1 The identified main components of KXS and their relative information

No.	Compound	t _R /min	Fomula	Measured	Mass error/ppm	Ion Addition	Fragment ions (m/z)
1	L(+)-Arginine	0.86	C ₆ H ₁₄ N ₄ O ₂	175.1119	4.6	[M+H] ⁺	158.0920,130.0971,116.0702,112.0865
2	Sucrose	4.07	C ₁₂ H ₂₂ O ₁₁	341.1142	-4.1	[M-H] ⁻	179.0585,161.0478,119.0370,113.0260,89.0258
3	Sibiricose A3	4.15	C ₁₉ H ₂₆ O ₁₃	461.136	-1.5	[M-H] ⁻	299.0809,281.0701,239.0591,209.0482,179.0374,137.0263
4	Sibiricose A5	5.78	C ₂₂ H ₃₀ O ₁₄	517.1624	-1.2	[M-H] ⁻	341.1133,337.0973,193.0528,175.0425
5	Sibiricose A6	6.15	C ₂₃ H ₃₂ O ₁₅	547.1743	1.5	[M-H] ⁻	367.1097,341.1147,223.0632,205.0542,190.0298
6	Sibiricose A1	6.46	C ₂₃ H ₃₂ O ₁₅	547.1737	0.4	[M-H] ⁻	367.1099,341.1150,223.0634,205.0544,190.0296
7	Tatarine C	7.74	C ₁₅ H ₂₀ N ₂ O ₆	323.1299	-4.9	[M-H] ⁻	305.1125,203.0817,189.0661,185.0085,175.0870
8	2,5-dimethoxy benzoquinone	7.95	C ₈ H ₈ O ₄	169.0422	3.0	[M+H] ⁺	151.1116,141.0546,125.0595,123.0802,109.1009
9	Acoramol	8.73	C ₁₂ H ₁₆ O ₄	225.1047	1.8	[M+H] ⁺	210.0908,207.1036,193.0878,168.0797
10	Tataroside	9.17	C ₂₆ H ₄₄ O ₁₂	547.2839	2.2	[M-H] ⁻	529.2719,509.2475,385.2301,367.2193,349.2084,319.1973,301.1862
11	Sibiricaxanthone A	9.7	C ₂₄ H ₂₆ O ₁₄	537.1311	-1.1	[M-H] ⁻	417.0883,387.0773,315.0552,285.0443,267.0335
12	Polygalaxanthone VI	10.64	C ₂₃ H ₂₆ O ₁₂	493.1355	0.8	[M-H] ⁻	317.0634, 302.0456, 175.0561
13	2,4,5- Trimethoxybenzoic acid	10.68	C ₁₀ H ₁₂ O ₅	213.0669	-4.7	[M+H] ⁺	195.0650,165.0004
14	PolygalaxanthoneIII	10.85	C ₂₅ H ₂₈ O ₁₅	567.1432	1.7	[M-H] ⁻	447.0994,417.0884,399.0775,345.0663,315.0554,272.0364
15	Ginsenjilanol/Majonoside R ₁	10.89	C ₄₂ H ₇₂ O ₁₅	861.4854	-2.1	[M-H+HCOO] ⁻	815.4890,653.4346,635.4238,553.3450,491.3822,391.2922
16	Sibiricose A2	12.3	C ₂₄ H ₃₄ O ₁₅	561.1884	-1.4	[M-H] ⁻	323.1041,279.0920,237.0797
17	Lancerin	12.4	C ₁₉ H ₁₈ O ₁₀	405.0882	-2.9	[M-H] ⁻	315.0492,297.0388,285.0389,257.0444,243.1227
18	Tenuifoliside B	12.58	C ₃₀ H ₃₆ O ₁₇	667.1955	1.1	[M-H] ⁻	461.1363,281.0704,239.0579,205.0534
19	Tatarinoids A	13.98	C ₁₂ H ₁₆ O ₅	241.0989	-1.2	[M+H] ⁺	223.0959,215.2825,195.1012,169.0856,154.0621
20	Acoramone	14	C ₁₂ H ₁₆ O ₄	225.1039	-1.7	[M+H] ⁺	210.0909,207.1038,193.0879,168.0799
21	3,6'-Disinapoyl sucrose	14.15	C ₃₄ H ₄₂ O ₁₉	753.2334	2.6	[M-H] ⁻	547.1742,529.1635,367.1100,265.0752,223.0634
22	Ginsenjilanol/Majonoside R ₁	14.19	C ₄₂ H ₇₂ O ₁₅	861.4896	3.1	[M-H+HCOO] ⁻	815.4736,653.4221,553.3343,491.0968

23	Sibiricose A4	14.66	C ₃₄ H ₄₂ O ₁₉	753.2335	2.7	[M-H] ⁻	547.1734,529.1627,367.1100,265.0758,223.0634
24	(Z)-Coniferyl alcohol	14.69	C ₁₀ H ₁₂ O ₃	181.0777	-1.6	[M+H] ⁺	151.0769,148.0534,138.0689,121.0660,107.9603
25	Tenuifoliside A	14.79	C ₃₁ H ₃₈ O ₁₇	681.2106	4.3	[M-H] ⁻	635.2631,473.1381,443.1272,281.0714,239.0592,223.0635
26	Notoginsenoside N	15.11	C ₄₈ H ₈₂ O ₁₉	1007.5436	-8.3	[M-H+HCOO] ⁻	799.4949,637.4404,475.3856,391.2919
27	2,4,5-Trimethoxybenzaldehyde	15.19	C ₁₀ H ₁₂ O ₄	197.0726	-2.0	[M+H] ⁺	182.0570,169.0855,154.0621,138.0673
28	Asaronaldehyde	15.21	C ₁₀ H ₁₂ O ₄	197.0728	-1.0	[M+H] ⁺	182.0571,169.0856,154.0622,138.0673
29	20-O-Glucosylginsenoside Rf	15.66	C ₄₈ H ₈₂ O ₁₉	1007.5433	-1.1	[M-H+HCOO] ⁻	799.4956,637.4409,475.3860,391.2922
30	Reiniose B	15.99	C ₂₉ H ₃₄ O ₁₅	621.1881	-1.7	[M-H] ⁻	499.1422,445.1322,337.0908,193.0498,175.0394
31	Notoginsenoside Fp ₁	16.24	C ₄₇ H ₈₀ O ₁₈	977.5321	-1.9	[M-H+HCOO] ⁻	799.4938,637.4397,475.3869,391.2921
32	Tenuifoliside W	16.38	C ₆₇ H ₈₆ O ₃₉	1513.4674	-4.3	[M-H] ⁻	1367.3986,1325.3891,1191.3531,1149.3431,1131.3330,1069.3175
33	Ginsenoside Rg ₁	17.37	C ₄₂ H ₇₂ O ₁₄	845.4935	2.3	[M-H+HCOO] ⁻	799.4956,637.4409,619.4301,475.3861
34	Ginsenoside Re	17.43	C ₄₈ H ₈₂ O ₁₈	991.5533	3.3	[M-H+HCOO] ⁻	945.5263,799.4943,783.4994,637.4403,475.3876,391.2927
35	Tenuifoliside V	17.79	C ₅₃ H ₇₀ O ₃₃	1233.3811	1.4	[M-H] ⁻	1191.3524,1173.3422,1111.3266,1057.3166,1015.3064,997.2962,935.2810,893.2808,731.2196,527.1578
36	Tenuifoliose G	17.82	C ₆₆ H ₈₄ O ₃₈	1483.4735	6.7	[M-H] ⁻	1337.4143,1215.3769,1161.3658,1143.3553,1119.3548,1101.3441,1039.3276,997.3165
37	Tenuifoliose M	17.83	C ₆₅ H ₈₂ O ₃₇	1453.4636	7.3	[M-H] ⁻	1337.4144,1215.3772,1161.3659,1143.3555,1101.3443,1039.3280,997.3169
38	Tenuifoliose L	18.12	C ₆₇ H ₈₄ O ₃₈	1495.4753	7.8	[M-H] ⁻	1349.4150,1307.4043,1203.3768,1185.3665,1161.3662,1143.3555,1081.3391,1039.3282,795.2454
39	Tenuifoliose F	18.3	C ₆₈ H ₈₆ O ₃₉	1525.4795	3.6	[M-H] ⁻	1379.4001,1337.3901,1319.3798,1203.3546,1161.3442,1143.3337
40	Tenuifoliside C	18.34	C ₃₅ H ₄₄ O ₁₉	767.2484	1.6	[M-H] ⁻	529.1628,367.1100,325.0986,265.0757,223.0634
41	Tenuifoliose K	18.35	C ₅₇ H ₇₀ O ₃₂	1265.3925	6.3	[M-H] ⁻	1119.3546,1101.3449,1077.3443,1059.3337,997.3170,973.3169,915.2893,835.2625,753.2348
42	Isocalamediol	18.73	C ₁₅ H ₂₂ O ₃	251.1573	3.9	[M+H] ⁺	233.1534,215.1429,205.1586,191.1429,173.1324
43	Tenuifoliose T	18.76	C ₅₆ H ₇₀ O ₃₂	1253.3884	3.1	[M-H] ⁻	1131.3531,1107.3531,1077.3421,985.3151,929.2827,823.2608

44	Tenuifoliose P	18.8	C ₅₉ H ₇₄ O ₃₄	1325.4141	6.4	[M-H] ⁻	1203.3754,1119.3532,1077.3424,997.3155,753.2337
45	Tenuifoliose E	18.82	C ₅₈ H ₇₂ O ₃₃	1295.3989	3.0	[M-H] ⁻	1119.3542,1077.3436,997.3165,979.3058,753.2347
46	isoacoramone	19.07	C ₁₂ H ₁₆ O ₄	225.1036	-3.1	[M+H] ⁺	210.0883,193.0855,165.0908
47	Tenuifolioside S	19.43	C ₃₅ H ₆₈ O ₃₁	1223.3787	3.9	[M-H] ⁻	1101.3437,1077.3437,1061.3275,955.3054,899.2728,793.2511,613.1856
48	Tenuifoliose X	19.64	C ₃₇ H ₇₂ O ₃₃	1283.4029	6.1	[M-H] ⁻	1161.3653,1131.3544,1107.3544,1089.3438,985.3162,959.2944,823.2618
49	(E)-3-(2,4,5- Trimethoxyphenyl) acrylaldehyde	19.98	C ₁₂ H ₁₄ O ₄	223.0879	-3.1	[M+H] ⁺	208.0727,195.1011,167.0700,165.0907
50	Polygalasaponin XXIX	20.3	C ₆₄ H ₁₀₂ O ₃₃	1397.6297	-5.3	[M-H] ⁻	1367.5941, 1143.5597, 717.2361, 455.3165, 425.3011
51	Tatarine A	20.83	C ₁₇ H ₁₃ NO ₃	280.0882	-2.5	[M+H] ⁺	280.0965,265.0730,252.0653,236.0704
52	Tenuifoliose B	21	C ₆₀ H ₇₄ O ₃₄	1337.4129	5.4	[M-H] ⁻	1295.4021,1215.3751,1161.3638,1143.3532,1119.3530,1101.3425,1039.3262,997.3151,753.2330
53	Pseudoginsenoside Rt ₃	21.06	C ₄₁ H ₇₀ O ₁₃	815.4845	4.5	[M-H+HCOO] ⁻	769.4845,637.4408,619.4300,475.3858,
54	Desacylsenegasaponin B	21.08	C ₅₉ H ₉₄ O ₂₉	1265.5754	-9.5	[M-H] ⁻	1235.5620,585.2000,499.1638,455.3140,425.3035
55	Onjisaponin Pg	21.19	C ₇₀ H ₁₁₀ O ₃₇	1541.6811	5.8	[M-H] ⁻	1397.6370,1367.6276,1173.5828,455.3243
56	2,3,3a,7,8,8a-Hexahydro3a-hydroxy-1,4-dimethyl7-(1-methylethylidene)-6(1H)-azulenone	21.2	C ₁₅ H ₂₂ O ₂	235.1626	5.1	[M+H] ⁺	217.1585,207.1378,193.1584,175.1480,161.1324,133.1010,119.0854
57	Tenuifoliose C	21.4	C ₃₈ H ₇₂ O ₃₃	1295.4033	6.4	[M-H] ⁻	1173.3656,1119.3541,1101.3441,1077.3436,1059.3328,997.3165,851.2782,753.2347
58	Floralginsenoside B	21.71	C ₄₁ H ₇₀ O ₁₃	815.4823	1.7	[M-H+HCOO] ⁻	769.4688,637.4276,475.3761,391.2830
59	Notoginsenoside Rt	21.9	C ₄₄ H ₇₄ O ₁₅	887.4989	-4.0	[M-H+HCOO] ⁻	841.4894,799.4790,781.4690,637.4278,619.4175,475.3763,391.2831
60	Tenuifoliose O	21.93	C ₆₁ H ₇₆ O ₃₅	1367.4178	1.2	[M-H] ⁻	1191.3748,1149.3641,1131.3532,425.3133
61	Tataramide B	22.13	C ₃₆ H ₃₆ N ₂ O ₈	625.2433	-5.2	[M-H] ⁻	488.1698,462.1909,364.1177,325.1069

62	Polygalasaponin XXII	22.19	C ₅₈ H ₉₂ O ₂₈	1236.5847	9.3	[M-H] ⁻	1205.5728,1011.5285,981.5175,455.3247,425.3138
63	6'-acetyl-ginsenoside Rg ₁	22.2	C ₄₄ H ₇₄ O ₁₅	887.4952	-8.3	[M-H+HCOO] ⁻	841.4876,799.4772,781.4637,637.4263,619.4161,475.3754,391.2825
64	Onjisaponin Qg	22.25	C ₇₆ H ₁₂₀ O ₄₁	1687.7419	7.1	[M-H] ⁻	1585.7100,1543.6989,1513.6892,1411.6561
65	Polygalasaponin XXIII	22.46	C ₅₃ H ₈₂ O ₂₄	1101.5169	-1.9	[M-H] ⁻	1071.4942,1059.3133,453.2982,423.2879
66	Polygalasaponin XXVIII	22.93	C ₅₃ H ₈₄ O ₂₄	1103..5416	6.2	[M-H] ⁻	1073.5290,455.3241,425.3132
67	Tenuifolioside D	23.07	C ₆₀ H ₇₄ O ₃₄	1337.3996	-4.5	[M-H] ⁻	1295.3786,1215.3531,1161.3427,1143.3327,1119.3327,1101.3221,1039.3070,997.2967,
68	Tenuifolioside H	23.53	C ₆₁ H ₇₄ O ₃₄	1349.4042	-1.0	[M-H] ⁻	1203.3753,1161.3647,1143.3543,1081.3377,1039.3269
69	Onjisaponin TG	23.68	C ₆₄ H ₁₀₀ O ₃₂	1379.6145	-3.4	[M-H] ⁻	1317.6220,1277.5892,1235.5848,1205.5677,455.3267
70	Tenuifolioside J	23.69	C ₅₉ H ₇₂ O ₃₃	1307.4036	6.5	[M-H] ⁻	1265.3927,1161.3656,1143.3548,1131.3547,1119.3547,1039.3276,997.3167
71	Onjisaponin TF	23.77	C ₅₉ H ₉₄ O ₂₈	1249.5994	5.4	[M-H] ⁻	1219.5903,1025.5456,995.5347,455.3229,425.3119
72	Reinioside F	23.98	C ₆₉ H ₁₀₈ O ₃₆	1511.6691	5.1	[M-H] ⁻	1367.6285,1337.6186,1293.4099,1143.5737,455.3231
73	Onjisaponin TE	24.28	C ₇₀ H ₁₁₀ O ₃₆	1525.6882	7.2	[M-H] ⁻	1423.6532,1381.6418,1351.6320,1157.5872,455.3243
74	Tenuifolioside A	25.16	C ₆₂ H ₇₆ O ₃₅	1379.4038	-8.9	[M-H] ⁻	1337.4094,1203.3698,1161.3585,1143.3480,1081.3319, 1039.3201
75	Tenuifolioside N	25.61	C ₆₃ H ₇₈ O ₃₆	1409.4351	5.9	[M-H] ⁻	1233.3870,1215.3772,1191.3765,1173.3662,1111.3496,1069.3385,825.2564
76	Ginsenoside Rf	25.68	C ₄₂ H ₇₂ O ₁₄	845.4854	-7.7	[M-H+HCOO] ⁻	799.4787,637.4279,475.3762
77	β-Asarone	28.13	C ₁₂ H ₁₆ O ₃	209.1088	-2.4	[M+H] ⁻	208.0754,194.0935,181.0857,162.0674,149.0960,121.0646
78	α-Asarone	28.14	C ₁₂ H ₁₆ O ₃	209.1081	-5.4	[M+H] ⁻	208.0755,194.0935,181.0857,162.0674,149.0959,121.0646
79	Tenuifolin	28.21	C ₃₆ H ₅₆ O ₁₂	679.3767	1.4	[M-H] ⁻	455.3245,425.3136
80	Notoginsenoside Fa	28.38	C ₅₉ H ₁₀₀ O ₂₇	1239.6489	3.4	[M-H+HCOO] ⁻	1107.6090,1077.5988,945.5547,783.5003,621.4455, 459.3906
81	Ligraminol C	29.32	C ₂₃ H ₂₈ O ₆	401.1851	-7.2	[M+H] ⁻	383.1846,371.1847,263.1274,233.1169,218.0934,195.1013,181.0856,151.0751
82	Ginsenoside Rg ₂	29.5	C ₄₂ H ₇₂ O ₁₃	829.4908	-8.1	[M-H+HCOO] ⁻	783.4700,637.4271,475.3758,391.2828

83	Ginsenoside Rh ₁	29.73	C ₃₆ H ₆₂ O ₉	683.4379	-1.4	[M-H+HCOO] ⁻	637.4328,475.3793
84	Ginsenoside Ra ₂	30.76	C ₅₈ H ₉₈ O ₂₆	1209.6383	3.5	[M-H+HCOO] ⁻	1077.5980,945.5546,783.5001,621.4455,459.3906, 375.2972
85	Ginsenoside Rb ₁	31.74	C ₅₄ H ₉₂ O ₂₃	1153.6052	2.6	[M-H+HCOO] ⁻	1107.6075,945.5536,783.4993,621.4449,459.3925, 375.2978
86	Ligraminol D	32	C ₂₁ H ₂₈ O ₆	375.1893	3.4	[M+H] ⁺	357.1787,295.2317,277.2209,263.0993,191.0773,183.1416
87	Ginsenoside Ro	32.59	C ₄₈ H ₇₆ O ₁₉	955.4961	-2.0	[M-H] ⁻	793.4325,731.4329,613.3706,569.3811,523.3759,455.3503
88	Ginsenoside Ra ₁	33.5	C ₅₈ H ₉₈ O ₂₆	1209.6397	4.2	[M-H+HCOO] ⁻	1077.5986,945.5553,915.5445,783.5006,621.4459, 459.3911
89	Ginsenoside F ₁	35.1	C ₃₆ H ₆₂ O ₉	683.4337	-8.7	[M-H+HCOO] ⁻	637.4274,475.3761,391.2832
90	Ginsenoside Rb ₂	35.13	C ₅₃ H ₉₀ O ₂₂	1123.5988	6.4	[M-H+HCOO] ⁻	1077.5937,945.5550,783.5004,621.4458,459.3908, 375.2970
91	Chikusetsusaponin Iv	36.23	C ₄₇ H ₇₄ O ₁₈	925.4904	3.1	[M-H+HCOO] ⁻	793.4323,613.3702,569.3808,455.3503
92	1,6-Dihydroxy-3,5,7-trimethoxyxanthone	37.06	C ₁₆ H ₁₄ O ₇	317.0705	-9.1	[M-H] ⁻	302.0471,287.0238,
93	Quinquenoside R ₁	37.64	C ₅₆ H ₉₄ O ₂₄	1149.6098	-3.2	[M-H+HCOO] ⁻	1107.5863,1059.5667,945.5354,783.4842,621.4325, 459.3810
94	Chikusetsusaponin Iva	38.2	C ₄₂ H ₆₆ O ₁₄	793.4487	5.0	[M-H+HCOO] ⁻	793.3949,631.3805,613.3705,569.3808,455.3501
95	Ginsenoside Rd	39.22	C ₄₈ H ₈₂ O ₁₈	991.558	8.9	[M-H+HCOO] ⁻	945.5084,783.5003,621.4458,459.3908,375.2970
96	Ginsenoside Rs ₁ /Rs ₂ /isomer	40.17	C ₅₅ H ₉₂ O ₂₃	1165.6135	9.4	[M-H+HCOO] ⁻	1077.5979,1059.5882,945.5550,783.5004,621.4456, 459.3923
97	Isoeugenol	40.32	C ₁₁ H ₁₄ O ₂	179.0978	-5.6	[M+H] ⁺	164.0783,151.0750,121.0645,91.0539
98	Malonyl-Rd	41.76	C ₅₁ H ₈₄ O ₂₁	1031.5549	4.8	[M-H+HCOO] ⁻	987.5645,945.5505,459.5828
99	Ginsenoside Rs ₁ /Rs ₂ /isomer	42.44	C ₅₅ H ₉₂ O ₂₃	1165.6052	2.0	[M-H+HCOO] ⁻	1077.5982,1059.5883,945.5553,783.5006,621.4461, 459.3923
100	OnjisaponinFg	42.47	C ₈₁ H ₁₂₀ O ₄₀	1731.7378	1.6	[M-H] ⁻	1701.7386,1669.7474,1629.7157,1599.7054,1587.7045,1557.6939,
101	Ginsenoside Rs ₁ /Rs ₂ /isomer	43.24	C ₅₅ H ₉₂ O ₂₃	1165.6045	1.4	[M-H+HCOO] ⁻	1077.5969,1059.5866,945.5538,783.4991,621.4453
102	Ginsenoside Ra ₆	44.5	C ₅₈ H ₉₆ O ₂₄	1221.6218	-6.2	[M-H+HCOO] ⁻	1175.5556,1107.6091,1089.5992,945.5550,783.5004, 621.4462,
103	Onjisaponin F	45.03	C ₇₅ H ₁₁₂ O ₃₆	1587.6789	-8.6	[M-H] ⁻	1587.6463,1557.6364,567.1937
104	Onjisaponin TH	45.36	C ₆₅ H ₉₆ O ₂₈	1323.6173	6.8	[M-H] ⁻	1293.6066,455.3230,425.3134
105	Onjisaponin L	45.98	C ₈₆ H ₁₂₈ O ₄₃	1847.7707	-6.2	[M-H] ⁻	1847.7648,1785.7613,1703.7221,1673.7072,
106	Ginsenoside Rd ₂ /Notoginsenoside Fe	46.54	C ₄₇ H ₈₀ O ₁₇	961.5406	1.2	[M-H+HCOO] ⁻	915.5426,783.4992,621.4448,
107	γ-Asarone	46.76	C ₁₂ H ₁₆ O ₃	209.1081	-5.7	[M+H] ⁺	194.0936,181.0858,162.0675,149.0960,121.0647

108	Ginsenoside Rd2/Notoginsenoside Fe	47.54	C ₄₇ H ₈₀ O ₁₇	961.5364	-3.3	[M-H+HCOO] ⁻	915.5249,783.4828,459.5309
109	Onjisaponin R	47.69	C ₇₆ H ₁₁₄ O ₃₇	1617.6912	-7.4	[M-H] ⁻	1617.7119,1587.7009,1155.5672,1125.5544,699.2368,613.1994,455.3162
110	Onjisaponin B	48	C ₇₅ H ₁₁₂ O ₃₅	1571.6915	-4.1	[M-H] ⁻	1571.7065,1541.6960,1317.6380,567.1940,455.3168
111	Onjisaponin V	49.46	C ₈₂ H ₁₂₂ O ₄₁	1761.7345	-6.3	[M-H] ⁻	1761.7580,1699.7570,1659.7247,1617.7113,1587.7023
112	Onjisaponin H	49.88	C ₇₄ H ₁₁₀ O ₃₄	1541.672	-9.9	[M-H] ⁻	1541.6706,1511.6602,,1317.6185,1287.6085,1139.5572,537.1791,455.3119
113	Polygalasaponin XXXII	50.09	C ₇₉ H ₁₁₈ O ₃₈	1673.7166	-7.7	[M-H] ⁻	1673.7377,1643.7293,1449.6823,1419.6711,1287.6262,669.2264,537.1830
114	Onjisaponin E	50.62	C ₇₁ H ₁₀₆ O ₃₃	1485.6474	-9.1	[M-H] ⁻	1485.6682,1455.6572,675.3919,455.3170,425.3063
115	Onjisaponin Z	51.1	C ₇₁ H ₁₀₆ O ₃₂	1469.6528	-9.0	[M-H] ⁻	1469.6726,1439.6610,1245.6153,1215.6043,1007.5269,953.4944,455.3169,425.3063
116	Onjisaponin Ng	51.38	C ₈₀ H ₁₁₈ O ₃₈	1685.7187	-6.4	[M-H] ⁻	1685.7398,1583.7063,1541.6928,1317.6375,537.1826
117	1-(4-Methoxyphenyl)allyl acetate	51.61	C ₁₂ H ₁₄ O ₃	207.0922	-7.2	[M+H] ⁺	176.0830,151.0753,133.0647
118	Onjisaponin G	52.55	C ₇₀ H ₁₀₄ O ₃₂	1455.6534	1.9	[M-H] ⁻	1455.6324,1425.6491,993.4977,963.4878,537.1776,455.3132,425.3029
119	Onjisaponin Y	53.37	C ₆₉ H ₁₀₂ O ₃₀	1409.6325	-8.8	[M-H] ⁻	1409.6258,1379.6146,1277.5839,1247.5737,1185.5737,455.3132,425.30298
120	Onjisaponin W	54.06	C ₈₁ H ₁₂₀ O ₄₀	1731.7237	-6.5	[M-H] ⁻	1731.6851,1669.6867,1629.6564,1587.6474,1557.6385, 669.2263
121	Onjisaponin S	54.15	C ₈₁ H ₁₂₂ O ₄₀	1733.7487	-1.0	[M-H] ⁻	1733.7534,1670.7480,1630.7152,1588.7031,1558.6937
122	Ginsenoside F ₂	56.02	C ₄₂ H ₇₂ O ₁₃	829.4897	-8.9	[M-H+HCOO] ⁻	783.4848,621.4332,459.3817
123	Bu-Gypenoside XVI	56.13	C ₃₂ H ₈₆ O ₁₉	1059.5688	-7.3	[M-H+HCOO] ⁻	1013.5601,945.5060,927.5257,783.4837,765.4736,621.4328,459.3807
124	Onjisaponin Gg	56.2	C ₇₆ H ₁₁₂ O ₃₆	1599.7023	6.0	[M-H] ⁻	1569.6940,1497.6727,1455.6623,1425.6517,1155.5739,537.1901,455.3231
125	Onjisaponin MF	57.13	C ₆₃ H ₉₂ O ₂₆	1263.5839	-2.5	[M-H] ⁻	1233.5610,615.3648,455.3137,425.3034

126	Butenyl group-Rd	59.41	C ₃₂ H ₈₆ O ₁₉	1059.5722	-4.0	[M-H+HCOO] ⁻	1013.5604,945.5368,927.5260,783.4842,765.4734, 621.4321,
127	Ginsenoside Rg ₃	59.69	C ₄₂ H ₇₂ O ₁₃	829.5012	5.7	[M-H+HCOO] ⁻	783.4806,621.4456,459.3907,375.2970,
128	20(S)-6"-O-acetylginsenoside Rg ₃	61.83	C ₄₄ H ₇₄ O ₁₄	871.5101	2.8	[M-H+HCOO] ⁻	783.4993,765.4890,621.4451,459.3924
129	Veraguensin	61.93	C ₂₂ H ₂₈ O ₅	373.1956	6.7	[M+H] ⁺	235.1325,217.1221,191.1064,167.0701,151.0752
130	Poricoic acid HM	62.82	C ₃₂ H ₅₀ O ₅	513.3645	-1.4	[M-H] ⁻	469.3403,453.3453,441.3087
131	Magnosalicin	63.07	C ₂₄ H ₃₂ O ₇	433.2165	5.3	[M+H] ⁺	415.2113,401.1956,369.3148,265.1432,247.1327,181.0858
132	Poricoic acid GM	63.37	C ₃₁ H ₄₈ O ₅	499.3486	-2.0	[M-H] ⁻	469.3296,455.3594,397.3180,353.2547
133	24(R)-pseudoginsenoside RT ₅ /isomer	64.04	C ₃₃ H ₅₈ O ₁₄	723.3864	5.6	[M-H+HCOO] ⁻	677.3842,397.1423
134	16-Deoxyporicoic acid B	64.27	C ₃₀ H ₄₄ O ₄	467.3226	-1.7	[M-H] ⁻	452.2993,437.2757,423.2597,407.3010,313.2424
135	(-)-cadala-1,4,9-triene	64.98	C ₁₅ H ₂₂	203.1736	9.9	[M+H] ⁺	175.1479,161.1323,147.1166
136	Poriacosone B	64.99	C ₃₀ H ₄₆ O ₅	485.3338	-0.2	[M-H] ⁻	485.2895,469.2580,439.3280,386.1708,337.2220
137	24(R)-pseudoginsenoside RT ₅ /isomer	65.25	C ₃₃ H ₅₈ O ₁₄	723.3845	2.8	[M-H+HCOO] ⁻	677.3843,397.1417
138	3β,16-α-Dihydroxylanosta7,9(11),24-trien-21-oic acid	65.91	C ₃₀ H ₄₆ O ₄	469.3387	-0.6	[M-H] ⁻	469.2580,451.3280,423.3328,407.3376,337.2583
139	6α-Hydroxydehydropachymic acid	66.1	C ₃₃ H ₅₀ O ₆	541.3604	0.6	[M-H] ⁻	523.3494,497.3338,481.3387,445.2669
140	Longicyclene	66.24	C ₁₅ H ₂₄	205.1864	-4.2	[M+H] ⁺	163.1480,149.1324,135.1167,121.1010
141	2S-(2,6-Dimethoxy-4-propenyl-phenoxy)-1-(3,4,5-trimethoxy-phenyl)-propane-1-one	66.3	C ₂₃ H ₂₈ O ₇	417.1848	4.6	[M+H] ⁺	385.1643,357.1693,249.1120,221.1171,193.0857,165.0909
142	16α-Hydroxytrametenolic acid	66.36	C ₃₀ H ₄₈ O ₄	471.3542	-1.1	[M-H] ⁻	453.3436,425.3482,409.3167,407.3375,337.2581
143	Poricoic acid B	66.79	C ₃₀ H ₄₄ O ₅	483.3172	-2.3	[M-H] ⁻	465.3072,439.3275,421.3168,409.2802
144	Poricoic acid E	67.49	C ₃₂ H ₄₈ O ₆	527.3444	-0.2	[M-H] ⁻	509.3339,481.3020,451.3293,409.2819
145	Dehydrotumulosic acid	67.64	C ₃₁ H ₄₈ O ₄	483.3169	-2.9	[M-H] ⁻	465.3439,439.3644,409.3533
146	1,3-Dimethoxy-2-[1-methyl-2-(3,4,5-trimethoxyphenyl)-ethoxy]-5-(1-	67.73	C ₂₃ H ₃₀ O ₆	403.2045	2.2	[M-H] ⁻	235.1327,209.1169,195.1014,181.0857

	propenyl-1-yl)-benzene						
147	Poricoic acid G	67.78	C ₃₀ H ₄₆ O ₅	485.3369	6.2	[M-H] ⁻	485.2895,441.3799,423.3327,353.2534,337.2583
148	Dehydroeburicoic acid	67.84	C ₃₁ H ₄₇ O ₃	466.3547	6.0	[M-H] ⁻	423.3242,407.2930,371.2207,353.2102
149	Tumulosic acid	67.92	C ₃₁ H ₅₀ O ₄	485.3673	-7.6	[M-H] ⁻	437.3416,423.3364,337.2564
150	Poricoic acid A	68.1	C ₃₁ H ₄₆ O ₅	497.334	0.2	[M-H] ⁻	479.3234,453.3437,423.2978,381.3230,274.1778
151	Calacone	68.11	C ₁₅ H ₂₄ O	221.1824	1.4	[M+H] ⁺	203.1792,160.1200,147.1168,133.1011
152	25-Hydroxypachymic acid	68.15	C ₃₃ H ₅₂ O ₆	453.3746	-2.2	[M-H] ⁻	525.3669,481.3389,467.3595,465.3439
153	26-Hydroxyporicoic acid DM	68.46	C ₃₂ H ₄₈ O ₇	543.3363	8.0	[M-H] ⁻	543.9825,525.3645,465.3452,415.2926
154	3-O-Acetyl-16 α -hydroxytrametenolic acid	68.52	C ₃₂ H ₅₀ O ₅	513.3686	6.6	[M-H] ⁻	495.3139,467.3594,451.3278,417.2858,355.2326,315.2583
155	Dehydropachymic acid	68.79	C ₃₃ H ₅₀ O ₅	525.3634	-3.4	[M-H] ⁻	509.3293,465.3449,447.3328,355.2340,337.2232
156	Poricoic acid AE	69.02	C ₃₃ H ₅₀ O ₅	525.3649	-5.6	[M-H] ⁻	509.3297,465.3436,447.3328,355.2340,337.2232
157	Polyporenic acid C	69.3	C ₃₁ H ₄₆ O ₄	483.3364	-8.5	[M-H] ⁻	481.3061,463.3488,437.3481,421.3167,403.3057,271.1738
158	3-epidehydrotumulosic acid	69.5	C ₃₁ H ₄₈ O ₄	483.3499	-4.1	[M-H] ⁻	421.3157,391.2278
159	3 β -hydroxylanosta-8,24-dien-21-oic acid	70.01	C ₃₀ H ₄₈ O ₃	455.3561	-6.8	[M-H] ⁻	455.1752,297.2416,279.2316
160	25-hydroxy-3-epitumulosic acid	73.98	C ₃₁ H ₅₀ O ₄	485.3657	-4.3	[M-H] ⁻	485.2791,423.3316,337.2517

Table S2 The typical filtered ion, related parameters and the compound identification

No.	Identification	Filtered ion	CK vs CG			MK vs MG		
			VIP	P	FC	VIP	P	FC
1	Polygalaxanthone VI	493.1367 [#] ,317.064	1.523	0.000011	1261856	/	/	/
2	Polygalaxanthone III	567.1376 [#] ,345.0594,315.0491	1.722	0.00182	953273	/	/	/
3	Ginsenoside Rg ₁	845.4909 [#] ,799.4956,637.4409,475.3821	2.147	0.00017	993	/	/	/
4	Ginsenoside Re	991.5489 [#] ,783.4943,637.4467,475.3864	1.723	0.01983	200530	/	/	/
5	Polygalasaponin XXIX	1397.6189 [#] ,455.3138,425.30354	1.523	0.00075	146463	/	/	/
6	Desacylsenegasaponin B	1265.5851 [#] ,1235.5604,455.3139,425.3035	1.755	0.01113	117574	1.696	0.0322	114137
7	Tenuifoliose O	1367.4108 [#] ,455.3167,425.3062	1.514	0.00143	161935	/	/	/
8	Polygalasaponin XXII	1235.5778 [#] ,455.3136,425.3033	1.827	0.00499	684882	/	/	/
9	Polygalasaponin XXVIII	1103.5304 [#] ,1073.5092,455.3137,425.3034	1.525	0.022886	401914	/	/	/
10	Ginsenoside Rb ₁	1153.6083 [#] ,945.536,783.4845,621.433,459.3814	1.632	0.00013	1014187	1.752	0.01455	250667
11	Ginsenoside Ro	955.4928 [#] ,793.4369,631.3758	1.521	0.01016	77063	/	/	/
12	Ginsenoside Rc	1123.5941 [#] ,945.5347,783.4834,621.4321,459.3809	1.647	0.00644	51631	1.756	0.0297	434656
13	Ginsenoside Ra ₁	1255.6387 [#] ,1077.5786,783.4869,459.3911	1.575	0.03339	45488	1.599	0.02493	22631
14	Ginsenoside Rb ₂	1123.5916 [#] ,945.5379,783.4856,621.4367,459.3897	2.672	0.00019	729516	1.808	0.0403	158564
15	Ginsenoside Rd	991.5496 [#] ,459.3908	1.687	0.01649	82118	1.687	0.0897	209284
16	16 α -hydroxytrametenolic acid	471.3497 [#] ,409.3156,337.2567	2.448	0.00074	184481	/	/	/
17	Poricoic acid B	483.3125 [#] ,465.3675,409.2798	2.049	0.00094	510906	1.687	0.029042	209175
18	Dehydrotumulosic acid	483.3496 [#] ,421.2674,337.25687	2.170	0.00116	464072	/	/	/
19	Tumulosic acid	485.3637 [#] ,437.3489,337.2185	2.264	0.0002	17088	1.755	0.082027	332532
20	Poricoic acid A	497.3287 [#] ,409.2786,381.3687	2.050	0.00098	118248	1.921	0.01078	279313
21	Polyporenic acid C	481.3305 [#] ,437.2965	2.035	0.00059	132907	/	/	/
22	Poricoic acid B isomer	483.3123 [#] ,439.5491,255.2367	/	/	/	1.846	0.027991	415380
23	3-epidehydrotumulosic acid	483.3511 [#] ,421.3157,391.3581	1.647	0.01506	186645	/	/	/

24	3 β -hydroxylanosta-8,24-dien -21-oic acid	455.3566 [#] ,279.2346	1.675	0.00338	11537	/	/	/
25	Poricoic acid A isomer	497.3315 [#] ,437.3515	1.674	0.00111	767607	/	/	/
26	25-hydroxy-3-epitumulosic acid	485.3616 [#] ,423.3265,337.2657	/	/	/	1.816	0.028063	812235
27	Hydrated ginsenoside Rb ₁ (+2H ₂ O)	1143.6178 [#] ,783.4861	2.072	0.0001	674894	/	/	/
28	Oxidated ginsenoside Rb1	1123.5879 [#] ,478.9265	2.402	0.000061	553404	/	/	/
29	Ginsenoside F ₂	829.4933 [#] ,459.3731	1.602	0.04796	21796	1.657	0.012941	641382
30	Dehydrotumulosic acid hydroxylation	499.3442 [#] ,437.3465,421.3068	1.826	0.00188	285709	/	/	/
31	Tumulosic acid hydroxylation + Desaturation	499.3412 [#] ,437.3395,421.3419	1.614	0.00623	4078703	/	/	/
32	Tumulosic acid hydroxylation	501.359 [#] ,373.2961	1.549	0.00113	1285076	/	/	/
33	Dehydrotumulosic acid hydroxylation	499.3412 [#] ,421.3085	1.602	0.00027	952264	/	/	/
34	Hydrated Pachymic acid	527.3885 [#] ,465.3347	/	/	/	1.625	0.029665	1205430
35	Poricoic acid G dehydration + Glycine conjugation	524.3406 [#] ,464.3751	/	/	/	1.605	0.01003	904245
36	Dehydrotumulosic acid demethylation	469.3342 [#] ,409.3364,337.2647	1.866	0.00173	112797	/	/	/
37	16 α -hydroxytrametenolic acid hydroxylation	487.3453 [#] ,469.3647	1.633	0.00033	456381	/	/	/
38	Dehydrotumulosic acid Desaturation	481.3349 [#] ,437.3691	1.512	0.0031	338921	/	/	/
39	Poricoic acid B Glycine conjugation	540.3297 [#] ,409.3693	1.647	0.00065	68752	/	/	/
40	Tumulosic acid demethylation Poricoic acid G dehydration +	471.3545 [#] ,409.611,375.2657,	1.605	0.02096	57006	1.825	0.079238	2778182
41	deoxygenation+Desaturation+Glycine conjugation	494.3674 [#] ,295.6174	/	/	/	1.508	0.015229	41317
42	Poricoic acid G Oxidation+Glycine conjugation	540.3269 [#] ,481.2657	/	/	/	1.829	0.01988	372061
43	Oxidated pachymic acid	525.3539 [#] ,481.3564,465.6214	/	/	/	1.792	0.00297	701676
44	Dehydrotumulosic acetylation	525.3567 [#] ,465.3664	/	/	/	1.792	0.029327	701676
45	Poricoic acid G deoxidation (-2O)	453.3361 [#] ,323.2647	1.563	0.00024	3743413	1.734	0.010993	4701453

#. The ions in red whose VIP values are in “VIP” columns

Table S3 The compound library of KXS

No.	Compound	Formula	Measured mass (m/z)	Origin
1	Lactic acid	C ₃ H ₆ O ₃	89.0239	Polygala
2	Malonic acid	C ₃ H ₄ O ₄	103.0032	Polygala
3	Glyceric acid	C ₃ H ₆ O ₄	105.0188	Polygala
4	Fumaric acid	C ₄ H ₄ O ₄	115.0032	Polygala
5	Succinic acid	C ₄ H ₆ O ₄	117.0188	Polygala
6	Glutaric acid	C ₅ H ₈ O ₄	131.0345	Polygala
7	Malic acid	C ₄ H ₆ O ₅	133.0137	Polygala
8	Salicylic Acid	C ₇ H ₆ O ₃	137.0251	Ginseng
9	Adipic acid	C ₆ H ₁₀ O ₄	145.0501	Polygala
10	Hexanedioic acid	C ₆ H ₁₀ O ₄	145.0501	Polygala
11	Xylose	C ₅ H ₁₀ O ₅	149.045	Polygala
12	Arabinose	C ₅ H ₁₀ O ₅	149.045	Polygala
13	Apiose	C ₅ H ₁₀ O ₅	149.045	Polygala
14	Fucose	C ₆ H ₁₂ O ₅	163.0607	Polygala
15	Rhamnose	C ₆ H ₁₂ O ₅	163.0607	Polygala
16	Arabic acid	C ₅ H ₁₀ O ₆	165.0399	Polygala
17	Glucose	C ₆ H ₁₂ O ₆	179.0556	Polygala
18	Fructose	C ₆ H ₁₂ O ₆	179.0556	Polygala
19	Galactose	C ₆ H ₁₂ O ₆	179.0556	Polygala
20	Citric acid	C ₆ H ₈ O ₇	191.0192	Polygala
21	Citric Acid	C ₆ H ₈ O ₇	191.0194	Ginseng
22	Quinic acid	C ₇ H ₁₂ O ₆	191.0556	Polygala
23	Ferulic acid	C ₁₀ H ₁₀ O ₄	193.0501	Polygala
24	Gluconic acid	C ₆ H ₁₂ O ₇	195.0505	Polygala
25	Heptopyranose	C ₇ H ₁₄ O ₇	209.0662	Polygala
26	Vanillactic acid	C ₁₀ H ₁₂ O ₅	211.0607	Polygala
27	Sinapinic acid	C ₁₁ H ₁₂ O ₅	223.0607	Polygala
28	Euxanthone	C ₁₃ H ₈ O ₄	227.0345	Polygala
29	1,3-Dihydroxyxanthone	C ₁₃ H ₈ O ₄	227.0345	Polygala
30	1,7-Dihydroxyxanthone	C ₁₃ H ₈ O ₄	227.0345	Polygala
31	7-Hydroxy-1-methoxyxanthone	C ₁₄ H ₁₀ O ₄	241.0501	Polygala
32	1,3-Dihydroxy-2-methylxanthone	C ₁₄ H ₁₀ O ₄	241.0501	Polygala
33	1,2,8-Trihydroxyxanthone	C ₁₃ H ₈ O ₅	243.0294	Polygala
34	1,3,6-Trihydroxyxanthone	C ₁₃ H ₈ O ₅	243.0294	Polygala
35	Gentitein	C ₁₃ H ₈ O ₅	243.0294	Polygala
36	1-Hydroxy-2,3-methylenedioxyxanthone	C ₁₄ H ₈ O ₅	255.0294	Polygala
37	1,7-Dimethoxyxanthone	C ₁₅ H ₁₂ O ₄	255.0658	Polygala
38	7-Hydroxy-1,2-dimethoxyxanthone	C ₁₄ H ₁₀ O ₅	257.045	Polygala
39	7-Hydroxy-1,3-dimethoxyxanthone	C ₁₄ H ₁₀ O ₅	257.045	Polygala
40	1,3-Dihydroxy-2-methoxyxanthone	C ₁₄ H ₁₀ O ₅	257.045	Polygala
41	1,3-Dihydroxy-7-methoxyxanthone	C ₁₄ H ₁₀ O ₅	257.045	Polygala

42	1,7-Dihydroxy-3-methoxyxanthone	C ₁₄ H ₁₀ O ₅	257.045	Polygala
43	1,7-Dihydroxy-4-methoxyxanthone	C ₁₄ H ₁₀ O ₅	257.045	Polygala
44	2,7-Hydroxy-1-dimethoxyxanthone	C ₁₄ H ₁₀ O ₅	257.045	Polygala
45	Alpestriose A	C ₁₅ H ₁₆ O ₄	259.0971	Polygala
46	1-Methoxy-2,3-methylenedioxyxanthone	C ₁₅ H ₁₀ O ₅	269.045	Polygala
47	1,7-Dihydroxy-2,3-methylenedioxyxanthone	C ₁₄ H ₈ O ₆	271.0243	Polygala
48	1,4-Dihydroxy-6,7-methylenedioxyxanthone	C ₁₄ H ₈ O ₆	271.0243	Polygala
49	4,7-Dihydroxy-2,3-methylenedioxyxanthone	C ₁₄ H ₈ O ₆	271.0243	Polygala
50	1-Hydroxy-2,3-dimethoxyxanthone	C ₁₅ H ₁₂ O ₅	271.0607	Polygala
51	1-Hydroxy-2,4-dimethoxyxanthone	C ₁₅ H ₁₂ O ₅	271.0607	Polygala
52	1-Hydroxy-3,7-dimethoxyxanthone	C ₁₅ H ₁₂ O ₅	271.0607	Polygala
53	2-Hydroxy-3,4-dimethoxyxanthone	C ₁₅ H ₁₂ O ₅	271.0607	Polygala
54	3-Hydroxy-1,2-dimethoxyxanthone	C ₁₅ H ₁₂ O ₅	271.0607	Polygala
55	3-Hydroxy-1,4-dimethoxyxanthone	C ₁₅ H ₁₂ O ₅	271.0607	Polygala
56	3-Hydroxy-2,8-dimethoxyxanthone	C ₁₅ H ₁₂ O ₅	271.0607	Polygala
57	1,3,7-Trihydroxy-2-methoxyxanthone	C ₁₄ H ₁₀ O ₆	273.0399	Polygala
58	1,2,7-Trihydroxy-3-methoxyxanthone	C ₁₄ H ₁₀ O ₆	273.0399	Polygala
59	1,4,7-Trihydroxy-3-methoxyxanthone	C ₁₄ H ₁₀ O ₆	273.0399	Polygala
60	1-Hydroxy-5-methoxy-2,3-methylenedioxyxanthone	C ₁₅ H ₁₀ O ₆	285.0399	Polygala
61	6-Hydroxy-1-methoxy-2,3-methylenedioxyxanthone	C ₁₅ H ₁₀ O ₆	285.0399	Polygala
62	7-Hydroxy-1-methoxy-2,3-methylenedioxyxanthone	C ₁₅ H ₁₀ O ₆	285.0399	Polygala
63	1,2,3-Trimethoxyxanthone	C ₁₆ H ₁₄ O ₅	285.0763	Polygala
64	1,6,8-Trihydroxy-2,3-methylenedioxyxanthone	C ₁₄ H ₈ O ₇	287.0192	Polygala
65	1,5-Dihydroxy-2,3-dimethoxyxanthone	C ₁₅ H ₁₂ O ₆	287.0556	Polygala
66	1,6-Dihydroxy-3,7-dimethoxyxanthone	C ₁₅ H ₁₂ O ₆	287.0556	Polygala
67	1,7-Dihydroxy-2,3-dimethoxyxanthone	C ₁₅ H ₁₂ O ₆	287.0556	Polygala
68	1,7-Dihydroxy-3,4-dimethoxyxanthone	C ₁₅ H ₁₂ O ₆	287.0556	Polygala
69	1,8-Dihydroxy-2,7-dimethoxyxanthone	C ₁₅ H ₁₂ O ₆	287.0556	Polygala
70	2,6-Dihydroxy-1,5-dimethoxyxanthone	C ₁₅ H ₁₂ O ₆	287.0556	Polygala
71	3,7-Dihydroxy-1, 2-dimethoxyxanthone	C ₁₅ H ₁₂ O ₆	287.0556	Polygala
72	3,8-Dihydroxy-1,2-dimethoxyxanthone	C ₁₅ H ₁₂ O ₆	287.0556	Polygala
73	1-Hydroxy-2,3,6,7-bimethylenedioxyxanthone	C ₁₅ H ₈ O ₇	299.0192	Polygala
74	1,4-Dimethoxy-2,3-methylenedioxyxanthone	C ₁₆ H ₁₂ O ₆	299.0556	Polygala
75	1,7-Dimethoxy-2,3-methylenedioxyxanthone	C ₁₆ H ₁₂ O ₆	299.0556	Polygala
76	1,8-Dimethoxy-2,3-methylenedioxyxanthone	C ₁₆ H ₁₂ O ₆	299.0556	Polygala
77	1-Hydroxy-3,6,7-trimethoxyxanthone	C ₁₆ H ₁₄ O ₆	301.0712	Polygala
78	2-Hydroxy-1,6,7-trimethoxyxanthone	C ₁₆ H ₁₄ O ₆	301.0712	Polygala
79	3-Hydroxy-1,2,7-trimethoxyxanthone	C ₁₆ H ₁₄ O ₆	301.0712	Polygala
80	Onjixanthone I	C ₁₆ H ₁₄ O ₆	301.0712	Polygala

81	Onjixanthone II	C ₁₅ H ₁₂ O ₇	303.0505	Polygala
82	1,3,7-Trihydroxy-2,6-dimethoxyxanthone	C ₁₅ H ₁₂ O ₇	303.0505	Polygala
83	1,3,8-Trihydroxy-2,6-dimethoxyxanthone	C ₁₅ H ₁₂ O ₇	303.0505	Polygala
84	1,6,7-Trihydroxy-2,3-dimethoxyxanthone	C ₁₅ H ₁₂ O ₇	303.0505	Polygala
85	1-Methoxy-2,3,6,7-bimethylenedioxyxanthone	C ₁₆ H ₁₀ O ₇	313.0349	Polygala
86	2-Hydroxy-1,3-dimethoxy-7,8-methylenedioxyxanthone	C ₁₆ H ₁₂ O ₇	315.0505	Polygala
87	1,2,3,7-Tetramethoxyxanthone	C ₁₇ H ₁₆ O ₆	315.0869	Polygala
88	1,3,6,7-Tetramethoxyxanthone	C ₁₇ H ₁₆ O ₆	315.0869	Polygala
89	1,6,8-Trihydroxy-7-methoxy-2,3-methylenedioxyxanthone	C ₁₅ H ₁₀ O ₈	317.0298	Polygala
90	1,3-Dihydroxy-2,4,7-trimethoxyxanthone	C ₁₆ H ₁₄ O ₇	317.0662	Polygala
91	1,3-Dihydroxy-5,6,7-trimethoxyxanthone	C ₁₆ H ₁₄ O ₇	317.0662	Polygala
92	1,6-Dihydroxy-3,5,7-trimethoxyxanthone	C ₁₆ H ₁₄ O ₇	317.0662	Polygala
93	1,7-Dihydroxy-2,3,4-trimethoxyxanthone	C ₁₆ H ₁₄ O ₇	317.0662	Polygala
94	1,7-Dihydroxy-3,5,6-trimethoxyxanthone	C ₁₆ H ₁₄ O ₇	317.0662	Polygala
95	3,6-Dihydroxy-1,2,7-trimethoxyxanthone	C ₁₆ H ₁₄ O ₇	317.0662	Polygala
96	3,6-Dihydroxy-1,2,8-trimethoxyxanthone	C ₁₆ H ₁₄ O ₇	317.0662	Polygala
97	3,8-Dihydroxy-1,2,6-trimethoxyxanthone	C ₁₆ H ₁₄ O ₇	317.0662	Polygala
98	6,8-Dihydroxy-1,2,3-trimethoxyxanthone	C ₁₆ H ₁₄ O ₇	317.0662	Polygala
99	6,8-Dihydroxy-1,2,4-trimethoxyxanthone	C ₁₆ H ₁₄ O ₇	317.0662	Polygala
100	1,3,6,8-Tetrahydroxy-2,7-dimethoxyxanthone	C ₁₅ H ₁₂ O ₈	319.0454	Polygala
101	Polygalaxanthone A	C ₁₇ H ₁₄ O ₇	329.0662	Polygala
102	1,2,3-Trimethoxy-7,8-methylenedioxyxanthone	C ₁₇ H ₁₄ O ₇	329.0662	Polygala
103	1,6-Dihydroxy-7,8-dimethoxy-2,3-methylenedioxyxanthone	C ₁₆ H ₁₂ O ₈	331.0454	Polygala
104	6-Hydroxy-1,2,3,7-tetramethoxyxanthone	C ₁₇ H ₁₆ O ₇	331.0818	Polygala
105	7-Hydroxy-1,2,3,4-tetramethoxyxanthone	C ₁₇ H ₁₆ O ₇	331.0818	Polygala
106	1,3,6-Trihydroxy-2,7,8-trimethoxyxanthone	C ₁₆ H ₁₄ O ₈	333.0611	Polygala
107	Sucrose	C ₁₂ H ₂₂ O ₁₁	341.1084	Polygala
108	cis-Coniferin	C ₁₆ H ₂₂ O ₈	341.1237	Polygala
109	Polygalaxanthone B	C ₁₈ H ₁₈ O ₇	345.0975	Polygala
110	1,2,3,6,7-Pentamethoxyxanthone	C ₁₈ H ₁₈ O ₇	345.0975	Polygala
111	1,2,3,7,8-Pentamethoxyxanthone	C ₁₈ H ₁₈ O ₇	345.0975	Polygala
112	1,3-Dihydroxy-2,5,6,7-tetramethoxyxanthone	C ₁₇ H ₁₆ O ₈	347.0767	Polygala
113	3,6-Dihydroxy-1,2,7,8-tetramethoxyxanthone	C ₁₇ H ₁₆ O ₈	347.0767	Polygala
114	pregn-7-ene-2β,3α,15α,20(S)-tetra	C ₂₁ H ₃₄ O ₄	349.23843	Poriacocos
115	3-Hydroxy-1,2,5,6,7-pentamethoxyxanthone	C ₁₈ H ₁₈ O ₈	361.0924	Polygala
116	Syringin	C ₁₇ H ₂₄ O ₉	371.1342	Polygala
117	1,2,3,4,6,7-Hexamethoxyxanthone	C ₁₉ H ₂₀ O ₈	375.108	Polygala
118	Tenuifoliside D	C ₁₈ H ₂₄ O ₉	383.1342	Polygala
119	Wubangzicide B	C ₁₉ H ₁₈ O ₉	389.0873	Polygala

120	ergosta-4,22-dien-3-one	C ₂₈ H ₄₄ O	395.33193	Poriacocos
121	ergosta-5,7,22-trien-3 β -ol	C ₂₈ H ₄₄ O	395.331939	Poriacocos
122	ergosta-7,22-dien-3-one	C ₂₈ H ₄₄ O	395.331939	Poriacocos
123	ergosta-7,22-dien-3 β -ol	C ₂₈ H ₄₆ O	397.3475	Poriacocos
124	ergosta-7-en-3 β -ol	C ₂₈ H ₄₈ O	399.36323	Poriacocos
125	Wattersiixanthone B	C ₂₀ H ₂₀ O ₉	403.1029	Polygala
126	Neolancerin	C ₁₉ H ₁₈ O ₁₀	405.0822	Polygala
127	Lancerin	C ₁₉ H ₁₈ O ₁₀	405.0822	Polygala
128	6,9-epoxy-ergosta-7,22-dien-3 β -ol	C ₂₈ H ₄₄ O ₂	411.3268	Poriacocos
129	ergosta-5,6-epoxy-7,22-dien-3-ol	C ₂₈ H ₄₄ O ₂	411.326853	Poriacocos
130	stigmasterol	C ₂₉ H ₄₈ O	411.36323	Poriacocos
131	β -sitosterol	C ₂₉ H ₅₀ O	413.378889	Poriacocos
132	1-Glucosyloxy-2,3-methylenedioxyxanthone	C ₂₀ H ₁₈ O ₁₀	417.0822	Polygala
133	1-Glucosyloxy-2-hydroxy-3-methoxyxanthone	C ₂₀ H ₂₀ O ₁₀	419.0978	Polygala
134	Mangiferin	C ₁₉ H ₁₈ O ₁₁	421.0771	Polygala
135	Isomangiferin	C ₁₉ H ₁₈ O ₁₁	421.0771	Polygala
136	Guazijinxanthone	C ₂₄ H ₂₄ O ₇	423.1444	Polygala
137	9,11-dehydroergosta peroxide	C ₂₈ H ₄₂ O ₃	425.30611	Poriacocos
138	lupeol	C ₃₀ H ₅₀ O"	425.3788	Poriacocos
139	3 β ,5 α ,9 α -trihydroxyergosta-7,22-dien-6-one	C ₂₈ H ₄₄ O ₃	427.3217	Poriacocos
140	ergosta-6,22-dien-5 α ,8 α -epidioxy-3-ol	C ₂₈ H ₄₄ O ₃	427.3217	Poriacocos
141	3 β ,5 α -dihydroxyergosta-7,22-dien-6-one	C ₂₈ H ₄₄ O ₃	427.32176	Poriacocos
142	Polygalatenoside A	C ₁₉ H ₂₆ O ₁₁	429.1397	Polygala
143	Polygalatenoside B	C ₁₉ H ₂₆ O ₁₁	429.1397	Polygala
144	Polygalatenoside C	C ₁₉ H ₂₆ O ₁₁	429.1397	Polygala
145	cerevisterol	C ₂₈ H ₄₆ O ₃	429.337418	Poriacocos
146	Tricornoside E	C ₂₀ H ₂₀ O ₁₁	435.0928	Polygala
147	4-C- β -Glucopyranosyl-1,3,6-trihydroxy-7-methoxyxanthone	C ₂₀ H ₂₀ O ₁₁	435.0928	Polygala
148	7-O-methoxymangiferin	C ₂₀ H ₂₀ O ₁₁	435.0928	Polygala
149	6-O-benzoylsucrose	C ₁₉ H ₂₆ O ₁₂	445.1346	Polygala
150	Canthoside A	C ₁₉ H ₂₆ O ₁₂	445.1346	Polygala
151	Sibiricaxanthone C	C ₂₁ H ₂₂ O ₁₁	449.1084	Polygala
152	Polyhongkongenoside B	C ₂₁ H ₂₂ O ₁₁	449.1084	Polygala
153	porilactone B	C ₃₀ H ₄₄ O ₃	451.3217	Poriacocos
154	porilactone A	C ₃₀ H ₄₄ O ₃	451.32176	Poriacocos
155	Dehydrotrametenolic acid	C ₃₀ H ₄₆ O ₃	453.3351	Poriacocos
156	3 β -Hydroxylanosta-7,9(11),24-trien-21-oic acid	C ₃₀ H ₄₆ O ₃	453.3372	Poriacocos
157	Pinicolic acid	C ₃₀ H ₄₆ O ₃	453.3669	Poriacocos
158	oleanolic acid	C ₃₀ H ₄₈ O ₃	455.353	Poriacocos
159	trametenolic acid	C ₃₀ H ₄₈ O ₃	455.353	Poriacocos
160	ursolic acid	C ₃₀ H ₄₈ O ₃	455.35306	Poriacocos

161	Sibiricose A3	C ₁₉ H ₂₆ O ₁₃	461.1295	Polygala
162	daedaleanic acid E	C ₃₀ H ₄₂ O ₄	465.301033	Poriacocos
163	3-Oxo-16 α -hydroxylanosta-7,9(11),24-trien- n-21-oic acid	C ₃₀ H ₄₄ O ₄	467.3158	Poriacocos
164	16-deoxyporicoic acid B	C ₃₀ H ₄₄ O ₄	467.31668	Poriacocos
165	dehydroeburiconic acid	C ₃₁ H ₄₈ O ₃	467.35306	Poriacocos
166	β -amyrin acetate	C ₃₂ H ₅₂ O ₂ "	467.3894	Poriacocos
167	α -amyrin acetate	C ₃₂ H ₅₂ O ₂	467.38945	Poriacocos
168	16 α -Hydroxy-3-oxolanosta-8,24-dien-21-oic acid	C ₃₀ H ₄₆ O ₄	469.3304	Poriacocos
169	3 α ,16 β -Dihydroxylanosta-7,9(11),24-trien- 21-oic acid	C ₃₀ H ₄₆ O ₄	469.3316	Poriacocos
170	Poriacosones B	C ₃₀ H ₄₆ O ₄	469.33194	Poriacocos
171	16 α -hydroxydehydrotrametenolic acid	C ₃₀ H ₄₆ O ₄ "	469.3323	Poriacocos
172	3 α ,16 β -Dihydroxylanosta-7,9(11),24-trien- 21-oic acid	C ₃₀ H ₄₆ O ₄	469.3328	Poriacocos
173	3 α ,16 β -Dihydroxylanosta-7,9(11),24-trien-2 1-oic acid	C ₃₀ H ₄₆ O ₄	469.3332	Poriacocos
174	Pinicolic acid E	C ₃₀ H ₄₆ O ₄	469.3332	Poriacocos
175	eburicoic acid	C ₃₁ H ₅₀ O ₃	469.73	Poriacocos
176	Hederagenin	C ₃₀ H ₄₈ O ₄	471.3475	Polygala
177	16 α -hydroxytrametenolic acid	C ₃₀ H ₄₈ O ₄	471.34798	Poriacocos
178	Polygalatenoside D	C ₂₀ H ₂₈ O ₁₃	475.1452	Polygala
179	daedaleanic acid F	C ₃₁ H ₄₂ O ₄	477.30103	Poriacocos
180	3-Oxo-16 α -hydroxylanosta-7,9(11),24-trien- n-21-oic acid	C ₃₁ H ₄₄ O ₄	479.316	Poriacocos
181	daedaleanic acid D	C ₃₁ H ₄₄ O ₄	479.31668	Poriacocos
182	poricoic acid C	C ₃₁ H ₄₆ O ₄	481.33233	Poriacocos
183	polyporenic acid C	C ₃₁ H ₄₆ O ₄	481.7	Poriacocos
184	6,16 α -Dihydroxydehydrotrametenonic acid	C ₃₀ H ₄₄ O ₅	483.3101	Poriacocos
185	3,24Dioxo16 α hydroxylanosta7,9(11) dien21oic acid	C ₃₀ H ₄₄ O ₅	483.3112	Poriacocos
186	16-Hydroxy-3,24-dioxolanosta-7,9(11)-dien- 21-oic acid	C ₃₀ H ₄₄ O ₅	483.31131	Poriacocos
187	poricoic acid B	C ₃₀ H ₄₄ O ₅	483.31159	Poriacocos
188	15 α -Hydroxyeburiconic acid	C ₃₁ H ₄₈ O ₄	483.3468	Poriacocos
189	3-epi-dehydrotumulosic acid	C ₃₁ H ₄₈ O ₄ "	483.3479	Poriacocos
190	dehydrotumulosic acid	C ₃₁ H ₄₈ O ₄	483.34798	Poriacocos
191	16 α ,27-Dihydroxydehydrotrametenonic acid	C ₃₀ H ₄₆ O ₅	485.3258	Poriacocos
192	Poriacosone B	C ₃₀ H ₄₆ O ₅	485.3265	Poriacocos
193	Poriacosone A	C ₃₀ H ₄₆ O ₅	485.327	Poriacocos
194	3-O-Acetyl-16 α -hydroxytrametenolic acid	C ₃₀ H ₄₆ O ₅	485.3273	Poriacocos
195	Tumulosic acid	C ₃₁ H ₅₀ O ₄	485.3636	Poriacocos
196	16 α -hydroxyeburicoic acid	C ₃₁ H ₅₀ O ₄	485.36363	Poriacocos

197	25-hydroxy-3-epitumulosic acid	C ₃₁ H ₅₀ O ₄	485.36363	Poriacocos
198	Hispidic acid B	C ₃₁ H ₅₀ O ₄	485.3643	Poriacocos
199	poricoic acid G	C ₃₀ H ₄₆ O ₅	485.68	Poriacocos
200	Polygalic acid	C ₂₉ H ₄₄ O ₆	487.306	Polygala
201	Daedaleanic acid B	C ₃₀ H ₄₈ O ₅	487.3415	Poriacocos
202	3 α ,16 α ,26-Trihydroxylanosta-8,24dien-21-oic acid	C ₃₀ H ₄₈ O ₅	487.34299	Poriacocos
203	Polygalaxanthone VI	C ₂₃ H ₂₆ O ₁₂	493.1346	Polygala
204	3 β -Acetoxylanosta-7,9(11),24-trien-21-oic acid	C ₃₂ H ₄₈ O ₄	495.3462	Poriacocos
205	poricoic acid CM	C ₃₂ H ₄₈ O ₄	495.34798	Poriacocos
206	6,16 α -Dihydroxydehydroeburiconic acid	C ₃₁ H ₄₆ O ₅	497.3263	Poriacocos
207	25-hydroxypolyporenic acid C	C ₃₁ H ₄₆ O ₅	497.32724	Poriacocos
208	29-hydroxypolyporenic acid C	C ₃₁ H ₄₆ O ₅	497.32724	Poriacocos
209	poricoic acid A	C ₃₁ H ₄₆ O ₅	497.32724	Poriacocos
210	poricoic acid BM	C ₃₁ H ₄₆ O ₅	497.32724	Poriacocos
211	6,7-dehydroporicoic acid H	C ₃₁ H ₄₆ O ₅	497.327247	Poriacocos
212	16 α ,25-Dihydroxydehydroeburiconic acid	C ₃₁ H ₄₆ O ₅	497.3273	Poriacocos
213	3 α -Acetoxylanosta-8,24-dien-21-oic acid	C ₃₂ H ₄₆ O ₄	497.3622	Poriacocos
214	3-O-formyleburicoic acid	C ₃₂ H ₅₀ O ₄	497.36363	Poriacocos
215	oleanolic acid 3-O-acetate	C ₃₂ H ₅₀ O ₄	497.36363	Poriacocos
216	6 α -hydroxypolyporenic acid C	C ₃₁ H ₄₆ O ₅	497.69	Poriacocos
217	poricoic acid E	C ₃₀ H ₄₄ O ₆	499.3065	Poriacocos
218	16 α ,25-Dihydroxyeburiconic acid	C ₃₁ H ₄₈ O ₅	499.3408	Poriacocos
219	25-Hydroxy-3-epidehydrotumulosic acid	C ₃₁ H ₄₈ O ₅	499.3408	Poriacocos
220	16 α ,29-Dihydroxyeburiconic acid	C ₃₁ H ₄₈ O ₅	499.3412	Poriacocos
221	3 β ,16 α -Dihydroxy-7-oxolanosta-8,24-dien-21-oic acid	C ₃₁ H ₄₈ O ₅	499.3425	Poriacocos
222	poricoic acid GM	C ₃₁ H ₄₈ O ₅	499.3428	Poriacocos
223	15 α -hydroxydehydrotumulosic acid	C ₃₁ H ₄₈ O ₅	499.34289	Poriacocos
224	6 α -hydroxydehydrotumulosic acid	C ₃₁ H ₄₈ O ₅	499.342897	Poriacocos
225	poricoic acid H	C ₃₁ H ₄₈ O ₅	499.342897	Poriacocos
226	26-hydroxyporicoic acid G	C ₃₀ H ₄₆ O ₆	501.32216	Poriacocos
227	pinicolic acid F	C ₃₀ H ₄₆ O ₆	501.32216	Poriacocos
228	3 β ,16 α -Dihydroxy-24-hydroxymethylanosta-7,9(11)-dien-21-oic acid	C ₃₁ H ₅₀ O ₅	501.3564	Poriacocos
229	25 α -Hydroxytumulosic acid	C ₃₁ H ₅₀ O ₅	501.3572	Poriacocos
230	16 α ,25-dihydroxyeburicoic acid	C ₃₁ H ₅₀ O ₅	501.35854	Poriacocos
231	Maltotriose	C ₁₈ H ₃₂ O ₁₆	503.1612	Polygala
232	Polygalatenoside E	C ₂₂ H ₃₂ O ₁₃	503.1765	Polygala
233	Polygalacic acid	C ₃₀ H ₄₈ O ₆	503.3373	Polygala
234	Poricoic acid CE	C ₃₃ H ₅₀ O ₄	509.361	Poriacocos
235	3-O-Acetyl-16 α -hydroxydehydrotrametenolic acid	C ₃₂ H ₄₈ O ₅	511.3423	Poriacocos

236	3 β -Hydroxy-16 α -acetoxylanosta-7,9(11),24-trien-21-oic acid	C ₃₂ H ₄₈ O ₅	511.3426	Poriacocos
237	poricoic acid AM	C ₃₂ H ₄₈ O ₅	511.34289	Poriacocos
238	acetyleburiac acid	C ₃₃ H ₅₂ O ₄	511.37928	Poriacocos
239	Mazatlanone	C ₂₉ H ₂₂ O ₉	513.1186	Polygala
240	5 α ,8 α -Peroxydehydrotumulosic acid	C ₃₁ H ₄₆ O ₆	513.3219	Poriacocos
241	poricoic acid F	C ₃₁ H ₄₆ O ₆	513.32216	Poriacocos
242	poricoic acid D	C ₃₁ H ₄₆ O ₆	513.322162	Poriacocos
243	poricoic acid I	C ₃₁ H ₄₆ O ₆	513.322162	Poriacocos
244	Poricoic acid GE	C ₃₂ H ₅₀ O ₅	513.3565	Poriacocos
245	poricoic acid HM	C ₃₂ H ₅₀ O ₅	513.3585	Poriacocos
246	3-O-acetyl-16 α -hydroxytrametenolic acid	C ₃₂ H ₅₀ O ₅	513.35854	Poriacocos
247	3-Acetyloxy-16 α -hydroxytrametenolic acid	C ₃₂ H ₅₀ O ₅	513.359	Poriacocos
248	5,8 α -Dioxy-3 β ,16 α -dihydroxyl-lanost-7(11), 24-dien-21-oic acid	C ₃₁ H ₄₈ O ₆	515.3374	Poriacocos
249	25-hydroxyporicoic acid H	C ₃₁ H ₄₈ O ₆	515.3378	Poriacocos
250	Arillanin B	C ₂₂ H ₃₀ O ₁₄	517.1558	Polygala
251	Arillatose B	C ₂₂ H ₃₀ O ₁₄	517.1558	Polygala
252	Sibiricose A5	C ₂₂ H ₃₀ O ₁₄	517.1558	Polygala
253	Tenuifolioside A	C ₂₂ H ₃₀ O ₁₄	517.1558	Polygala
254	Presenegenin	C ₃₀ H ₄₆ O ₇	517.3166	Polygala
255	Ganoderic acid C2	C ₃₀ H ₄₆ O ₇	517.31671	Poriacocos
256	poricoic acid M	C ₃₀ H ₄₆ O ₇	517.31707	Poriacocos
257	Wubangzicide A	C ₂₄ H ₂₆ O ₁₃	521.1295	Polygala
258	Tricornoside C	C ₂₄ H ₂₆ O ₁₃	521.1295	Polygala
259	Tricornoside F	C ₂₄ H ₂₆ O ₁₃	521.1295	Polygala
260	16 α -Acetyloxy-24-methylene-3-oxolanosta-7, 9(11)-dien-21-oic acid	C ₃₃ H ₄₈ O ₅	523.3425	Poriacocos
261	3-Oxo-16 α -acetyloxylanosta-7,9(11), 24-trien-21-oic acid	C ₃₃ H ₄₈ O ₅	523.344	Poriacocos
262	16 α -Acetyloxyeburiconic acid	C ₃₃ H ₅₀ O ₅	525.3565	Poriacocos
263	3-epi-dehydropachymic acid	C ₃₃ H ₅₀ O ₅	525.3585	Poriacocos
264	poricoic acid AE	C ₃₃ H ₅₀ O ₅	525.35854	Poriacocos
265	1-O-methylmazatlanone	C ₃₀ H ₂₄ O ₉	527.1342	Polygala
266	poricoic acid DM	C ₃₂ H ₄₈ O ₆	527.3378	Poriacocos
267	25-methoxyporicoic acid A	C ₃₂ H ₄₈ O ₆	527.337812	Poriacocos
268	3-epi-Pachymic acid	C ₃₃ H ₅₂ O ₅	527.3733	Poriacocos
269	Poricoic acid HE	C ₃₃ H ₅₂ O ₅	527.3739	Poriacocos
270	pachymic acid	C ₃₃ H ₅₂ O ₅	527.76	Poriacocos
271	poricoic acid J	C ₃₁ H ₄₆ O ₇	529.31707	Poriacocos
272	poricoic acid L	C ₃₁ H ₄₆ O ₇	529.31707	Poriacocos
273	3-O-Acetyl-16 α ,26-dihydroxytrametenolic acid	C ₃₂ H ₅₀ O ₆	529.35309	Poriacocos
274	3 β -Acetoxy-16 α ,26-dihydroxylanosta-8,24-di	C ₃₂ H ₅₀ O ₆	529.35321	Poriacocos

	en-21-oic acid			
275	Tenuifolioside B	C ₂₃ H ₃₂ O ₁₄	531.1714	Polygala
276	Tenuifolioside C	C ₂₃ H ₃₂ O ₁₄	531.1714	Polygala
277	poricoic acid K	C ₃₁ H ₄₈ O ₇	531.33272	Poriacocos
278	Polycaudoside A	C ₂₅ H ₂₈ O ₁₃	535.1452	Polygala
279	Tricornoside D	C ₂₅ H ₂₈ O ₁₃	535.1452	Polygala
280	Wattersiixanthone A	C ₂₅ H ₂₈ O ₁₃	535.1452	Polygala
281	Sibiricaxanthone A	C ₂₄ H ₂₆ O ₁₄	537.1245	Polygala
282	Sibiricaxanthone B	C ₂₄ H ₂₆ O ₁₄	537.1245	Polygala
283	2'-benzoylmangiferin	C ₂₆ H ₂₂ O ₁₃	541.0982	Polygala
284	6 α -Hydroxydehydropachymic acid	C ₃₃ H ₅₀ O ₆	541.35346	Poriacocos
285	29 α -hydroxydehydrotumulosic acid	C ₃₃ H ₅₀ O ₆	541.353462	Poriacocos
286	29-Hydroxydehydropachymic acid	C ₃₃ H ₅₀ O ₆	541.3537	Poriacocos
287	pachymic acid methyl ester	C ₃₄ H ₅₄ O ₅	541.3898	Poriacocos
288	26-hydroxyporicoic acid DM	C ₃₂ H ₄₈ O ₇	543.33272	Poriacocos
289	6 α -Hydroxydehydropachymic acid	C ₃₂ H ₄₈ O ₇	543.3332	Poriacocos
290	25-hydroxypachymic acid	C ₃₃ H ₅₂ O ₆	543.36911	Poriacocos
291	Arillanin C	C ₂₃ H ₃₂ O ₁₅	547.1663	Polygala
292	Sibiricose A1	C ₂₃ H ₃₂ O ₁₅	547.1663	Polygala
293	Sibiricose A6	C ₂₃ H ₃₂ O ₁₅	547.1663	Polygala
294	1'-Sinapoylsucrose	C ₂₃ H ₃₂ O ₁₅	547.1663	Polygala
295	Telephiose F	C ₂₆ H ₃₀ O ₁₃	549.1608	Polygala
296	Telephioxanthone A	C ₂₈ H ₂₄ O ₁₂	551.119	Polygala
297	Telephioxanthone B	C ₂₈ H ₂₄ O ₁₂	551.119	Polygala
298	Polygalaxanthone IX	C ₂₅ H ₂₈ O ₁₄	551.1401	Polygala
299	Arillanin E	C ₂₅ H ₂₈ O ₁₄	551.1401	Polygala
300	7-Methoxy-1-methylmazatlanone	C ₃₁ H ₂₆ O ₁₀	557.1448	Polygala
301	25,26-Dihydroxydehydropachymic acid	C ₃₃ H ₅₀ O ₇	557.3481	Poriacocos
302	1'-Acetyl-3'-feruloylsucrose	C ₂₄ H ₃₂ O ₁₅	559.1663	Polygala
303	25-Methoxy-29-hydroxyporicoic acid HM	C ₃₃ H ₅₂ O ₇	559.36377	Poriacocos
304	Glomeratose A	C ₂₄ H ₃₄ O ₁₅	561.182	Polygala
305	Sibiricose A2	C ₂₄ H ₃₄ O ₁₅	561.182	Polygala
306	Arillanin D	C ₂₆ H ₃₀ O ₁₄	565.1558	Polygala
307	Polygalaxanthone III	C ₂₅ H ₂₈ O ₁₅	567.135	Polygala
308	Polygalaxanthone VIII	C ₂₅ H ₂₈ O ₁₅	567.135	Polygala
309	Polygalaxanthone XI	C ₂₅ H ₂₈ O ₁₅	567.135	Polygala
310	Wubangzicide C	C ₂₅ H ₂₈ O ₁₅	567.135	Polygala
311	3 β ,15 α -Bis(acetyloxy)-24-methylenelanost-8-en-21-oic acid	C ₃₅ H ₅₄ O ₆	569.3831	Poriacocos
312	16-O-acetyl-pachymic acid	C ₃₅ H ₅₄ O ₆	569.3857	Poriacocos
	5,8 α -Epidioxy-3 β -[(2-hydroxyacetyl) oxy]			
313	-16-hydroxylanosta-6,9(11),24-trien-21-oic acid	C ₃₃ H ₄₈ O ₈	571.3281	Poriacocos
314	3 β ,16 α -Bis(acetyloxy)-29-hydroxylanosta-8,2	C ₃₄ H ₅₂ O ₇	571.3619	Poriacocos

	4-dien-21-oic acid			
315	β -daucosterol	C ₃₅ H ₆₀ O ₆	575.43171	Poriacocos
316	Sibiricaxanthone E	C ₂₆ H ₂₈ O ₁₅	579.135	Polygala
317	Tricornoside B	C ₂₇ H ₃₂ O ₁₄	579.1714	Polygala
318	Polyhongkongenoside A	C ₂₅ H ₂₆ O ₁₆	581.1143	Polygala
319	Polygalaxanthone V	C ₂₆ H ₃₀ O ₁₅	581.1507	Polygala
320	3-epi-(3'-o-methyl malonyloxy) -dehydrotumulosic acid	C ₃₅ H ₅₂ O ₇	583.3603	Poriacocos
321	O-acetylpachymic acid methyl ester	C ₃₆ H ₅₆ O ₆	583.3941	Poriacocos
322	3 β - Benzoyldehydrotumulosic acid	C ₃₈ H ₅₂ O ₅	587.374	Poriacocos
323	Syringaresinol-4'-O- β -D-monoglucoside	C ₂₉ H ₃₈ O ₁₃	593.2234	Polygala
324	Polygalaxanthone IV	C ₂₇ H ₃₂ O ₁₅	595.1663	Polygala
325	Sibiricaxanthone D	C ₂₇ H ₃₂ O ₁₅	595.1663	Polygala
326	Tricornose A	C ₂₆ H ₃₆ O ₁₆	603.1925	Polygala
327	3 β -p-Hydroxybenzoyldehydrotumulosic acid	C ₃₈ H ₅₂ O ₆	603.3671	Poriacocos
328	Polygalaxanthone VII	C ₂₇ H ₃₂ O ₁₆	611.1612	Polygala
329	3-epi-(3'-hydroxy-3'-methylglutaryloxy) -16 α -hydroxydehydrotrametenolic acid	C ₃₆ H ₅₄ O ₈	613.3751	Poriacocos
330	3-epi-(3'-Hydroxy-3'-methylglutaryloxy)-16 α -hydroxyeburicoic acid	C ₃₆ H ₅₆ O ₈	615.3913	Poriacocos
331	Reiniose B	C ₂₉ H ₃₄ O ₁₅	621.182	Polygala
332	Reiniose C	C ₂₉ H ₃₄ O ₁₅	621.182	Polygala
333	Ginsenoside Rh ₂	C ₃₆ H ₆₂ O ₈	622.4445	Ginseng
334	3-epi-(3'-hydroxyl-3'-methylglutaryloxy) -dehydrotumulosic acid	C ₃₇ H ₅₆ O ₈	627.6017	Poriacocos
335	3-epi-(3'-hydroxyl-3'-methylglutaryloxy) -tumulosic acid	C ₃₇ H ₅₆ O ₈	629.4066	Poriacocos
336	α -L-Arabinopyranosyl-3 β ,23,27,29-tetrahydr oxyolean-12-en-28-oate	C ₃₅ H ₅₆ O ₁₀	635.3795	Polygala
337	Sibiricaxanthone F	C ₂₉ H ₃₄ O ₁₆	637.1769	Polygala
338	Polygalaxanthone X	C ₂₉ H ₃₆ O ₁₆	639.1925	Polygala
339	Polygalasaponin XXV	C ₃₆ H ₅₆ O ₁₀	647.3795	Polygala
340	Fallaxsaponin A	C ₃₅ H ₅₄ O ₁₁	649.3588	Polygala
341	Bayogenin-3-O- β -D-glucopyranoside	C ₃₆ H ₅₈ O ₁₀	649.3952	Polygala
342	3'-Sinapoyl-6-benzoylsucrose	C ₃₀ H ₃₆ O ₁₆	651.1925	Polygala
343	3'-(3,4,5-Trimethoxycinnamoyl)-6-benzoylsu crose	C ₃₁ H ₃₈ O ₁₆	665.2082	Polygala
344	3'-(3,4,5-Trimethoxycinnamoyl)-4-benzoylsu crose	C ₃₁ H ₃₈ O ₁₆	665.2082	Polygala
345	29-[O- β -D-Glucopyranosyloxy]-3 β ,23,27-trih ydroxyolean-12-en-28-oic acid	C ₃₆ H ₅₈ O ₁₁	665.3901	Polygala
346	Ginsenoside Rk ₃ / Ginsenoside Rh ₄	C ₃₆ H ₆₀ O ₈	665.4259	Ginseng
347	Ginsenoside Rk ₄	C ₃₆ H ₆₀ O ₈	665.4277	Ginseng

348	Tenuifolside B	C ₃₀ H ₃₆ O ₁₇	667.1874	Polygala
349	Compound K	C ₃₆ H ₆₂ O ₈	667.4417	Ginseng
350	Arillatose C	C ₂₈ H ₄₀ O ₁₉	679.2086	Polygala
351	Arillatose E	C ₂₈ H ₄₀ O ₁₉	679.2086	Polygala
352	Tenuifolin	C ₃₆ H ₅₆ O ₁₂	679.3694	Polygala
353	3'-(3,4,5-Trimethoxycinnamoyl)-4-p-hydroxy benzoylsucrose	C ₃₁ H ₃₈ O ₁₇	681.2031	Polygala
354	1'-O-(3,4,5-trimethoxycinnamoyl)-6-p-hydro xybenzoylsucrose	C ₃₁ H ₃₈ O ₁₇	681.2031	Polygala
355	Tenuifolside A	C ₃₁ H ₃₈ O ₁₇	681.2031	Polygala
356	20(R)-Ginsenoside Rh ₁	C ₃₆ H ₆₂ O ₉	683.4365	Ginseng
357	Ginsenoside F ₁	C ₃₆ H ₆₂ O ₉	683.4376	Ginseng
358	Ginsenoside Rh ₁	C ₃₆ H ₆₂ O ₉	683.4376	Ginseng
359	Glomeratose B	C ₃₂ H ₃₈ O ₁₇	693.2031	Polygala
360	3'-(3,4,5-Trimethoxycinnamoyl)-6-anisoylsuc rose	C ₃₂ H ₄₀ O ₁₇	695.2187	Polygala
361	24(R)-Pseudoginsenoside Rt ₅	C ₃₆ H ₆₂ O ₁₀	699.4331	Ginseng
362	Glomeratose C	C ₃₃ H ₄₀ O ₁₇	707.2187	Polygala
363	Tricornose B	C ₃₃ H ₄₀ O ₁₇	707.2187	Polygala
364	Arillatose D	C ₂₉ H ₄₂ O ₂₀	709.2191	Polygala
365	Arillatose F	C ₂₉ H ₄₂ O ₂₀	709.2191	Polygala
366	Telephiose C	C ₃₂ H ₄₀ O ₁₈	711.2137	Polygala
367	3'-Feruloyl-6-sinapoylsucrose	C ₃₃ H ₄₀ O ₁₈	723.2137	Polygala
368	Arillanin A	C ₃₃ H ₄₀ O ₁₈	723.2137	Polygala
369	1'-Sinapoyl-3'-feruloylsucrose	C ₃₃ H ₄₀ O ₁₈	723.2137	Polygala
370	Reiniose A	C ₃₄ H ₄₂ O ₁₈	737.2293	Polygala
371	Glomeratose E	C ₃₄ H ₄₀ O ₁₉	751.2086	Polygala
372	Arillatose A	C ₃₄ H ₄₀ O ₁₉	751.2086	Polygala
373	3'-O-Sinapoyl-6-4-methyl-3,5-dimethoxycinn amoyl)	C ₃₅ H ₄₄ O ₁₈	751.245	Polygala
374	Sibiricose A4	C ₃₄ H ₄₂ O ₁₉	753.2242	Polygala
375	Telephiose E	C ₃₄ H ₄₂ O ₁₉	753.2242	Polygala
376	3',6-Disinapoylsucrose	C ₃₄ H ₄₂ O ₁₉	753.2242	Polygala
377	3,6'-Disinapoylsucrose	C ₃₄ H ₄₂ O ₁₉	753.2242	Polygala
378	1',3'-Disinapoylsucrose	C ₃₄ H ₄₂ O ₁₉	753.2242	Polygala
379	Pseudo-ginsenoside Rp ₁	C ₄₁ H ₆₄ O ₁₃	763.42688	Ginseng
380	Gmsenoside F ₄ /Rg ₄	C ₄₂ H ₇₀ O ₁₂	765.476	Ginseng
381	Telephiose G	C ₃₄ H ₄₀ O ₂₀	767.2035	Polygala
382	Tenuifolside C	C ₃₅ H ₄₄ O ₁₉	767.2399	Polygala
383	Notoginsenoside R ₂	C ₄₁ H ₇₀ O ₁₃	769.4746	Ginseng
384	Ginsenoside F ₃	C ₄₁ H ₇₀ O ₁₃	769.4749	Ginseng
385	3',6'-Diferuloyl-4,6-diacetylsucrose	C ₃₆ H ₄₂ O ₁₉	777.2242	Polygala
386	3',6'-Diferuloyl-3,6-diacetylsucrose	C ₃₆ H ₄₄ O ₁₉	777.2242	Polygala
387	Polygalasaponin XXVII	C ₄₁ H ₆₄ O ₁₄	779.4218	Polygala

388	Glomeratose D	C ₃₆ H ₄₆ O ₁₉	781.2555	Polygala
389	Ginsenoside F ₂	C ₄₂ H ₇₂ O ₁₃	783.49	Ginseng
390	Pseudoginsenoside RT ₂	C ₄₁ H ₇₀ O ₁₄	785.4693	Ginseng
391	Zingibroside R ₁	C ₄₂ H ₆₆ O ₁₄	793.4379	Ginseng
392	Chikusetsusaponin Iva	C ₄₂ H ₆₆ O ₁₄	793.4399	Ginseng
393	3-Acetyl-3',6- <i>O</i> -disinapoylsucrose	C ₃₆ H ₄₄ O ₂₀	795.2348	Polygala
394	4-Acetyl-3',6- <i>O</i> -disinapoylsucrose	C ₃₆ H ₄₄ O ₂₀	795.2348	Polygala
395	Telephiose A	C ₃₆ H ₄₄ O ₂₀	795.2348	Polygala
396	Telephiose B	C ₃₆ H ₄₄ O ₂₀	795.2348	Polygala
397	Hederagenin 3- <i>O</i> - β -D-glucopyranosyl (1 \rightarrow 2) β -D-glucopyranoside	C ₄₂ H ₆₈ O ₁₄	795.4531	Polygala
398	Polygalasaponin XX	C ₄₂ H ₆₈ O ₁₄	795.4531	Polygala
399	Notoginsenoside T ₅	C ₄₁ H ₆₈ O ₁₂	797.4683	Ginseng
400	Sibiricaxanthone G	C ₃₅ H ₄₄ O ₂₁	799.2297	Polygala
401	3'-Feruloyl-6'-sinapoyl-4,6-diacetylsucrose	C ₃₇ H ₄₄ O ₂₀	807.2348	Polygala
402	Ginsenoside Rs ₄ /Rs ₅	C ₄₄ H ₇₂ O ₁₃	807.4903	Ginseng
403	Polygalasaponin XII	C ₄₂ H ₆₆ O ₁₅	809.4324	Polygala
404	Polygalasaponin XIII	C ₄₂ H ₆₆ O ₁₅	809.4324	Polygala
405	Polygalasaponin XXVI	C ₄₂ H ₆₆ O ₁₅	809.4324	Polygala
406	Polygalasaponin I	C ₄₂ H ₆₈ O ₁₅	811.448	Polygala
407	Lobatoside B	C ₄₂ H ₆₈ O ₁₅	811.448	Polygala
408	Polygalasaponin C	C ₄₂ H ₆₈ O ₁₅	811.448	Polygala
409	Polygalasaponin D	C ₄₂ H ₆₈ O ₁₅	811.448	Polygala
410	Ginsenoside Rg ₆	C ₄₂ H ₇₀ O ₁₂	811.4849	Ginseng
411	Ginsenoside Rg ₄	C ₄₂ H ₇₀ O ₁₂	811.4852	Ginseng
412	Ginsenoside Rg ₅	C ₄₂ H ₇₀ O ₁₂	811.4852	Ginseng
413	Ginsenoside Rk ₁	C ₄₂ H ₇₀ O ₁₂	811.4852	Ginseng
414	Ginsenoside F ₄	C ₄₂ H ₇₀ O ₁₂	811.4865	Ginseng
415	Ginsenoside F ₃	C ₄₁ H ₇₀ O ₁₃	815.4788	Ginseng
416	Ginsenoside F ₅	C ₄₁ H ₇₀ O ₁₃	815.4788	Ginseng
417	Pseudoginsenoside RT ₃	C ₄₁ H ₇₀ O ₁₃	815.4788	Ginseng
418	Compound II	C ₄₁ H ₇₀ O ₁₃	815.479	Ginseng
419	Floralginsenoside B	C ₄₂ H ₇₂ O ₁₅	815.4798	Ginseng
420	20(R)-Notoginsenoside R ₂	C ₄₁ H ₇₀ O ₁₃	815.481	Ginseng
421	Sanchinoside A3	C ₄₁ H ₇₀ O ₁₃	815.4819	Ginseng
422	Majonoside R ₁ /isomer	C ₄₂ H ₇₂ O ₁₅	816.4818	Ginseng
423	Dalmaiose A	C ₃₈ H ₄₆ O ₂₀	821.2504	Polygala
424	Ginsenoside Rs ₃	C ₄₄ H ₇₄ O ₁₄	825.5012	Ginseng
425	Ginsenoside Rg ₁₀ / Ginsenoside Rg ₉	C ₄₂ H ₇₀ O ₁₃	827.4788	Ginseng
426	20(R)-Ginsenoside Rg ₂	C ₄₂ H ₇₂ O ₁₃	829.4944	Ginseng
427	Gmsenoside F ₂	C ₄₂ H ₇₂ O ₁₃	829.4962	Ginseng
428	20(R)-Ginsenoside Rg ₃	C ₄₂ H ₇₂ O ₁₃	829.4965	Ginseng
429	Ginsenoside Rg ₂	C ₄₂ H ₇₂ O ₁₃	829.4966	Ginseng
430	Telephiose D	C ₃₈ H ₄₆ O ₂₁	837.2454	Polygala

431	Reinioside A	C ₄₂ H ₆₆ O ₁₇	841.4222	Polygala
432	Notoginsenoside Rt	C ₄₄ H ₇₄ O ₁₅	841.49591	Ginseng
433	Ginsenoside Rf	C ₄₂ H ₇₂ O ₁₄	845.4815	Ginseng
434	Ginsenoside Rg ₁	C ₄₂ H ₇₂ O ₁₄	845.4893	Ginseng
435	Pseudoginsenoside F ₁₁	C ₄₂ H ₇₂ O ₁₄	845.4904	Ginseng
436	Butenyl group- Rf	C ₄₆ H ₇₆ O ₁₅	868.5179	Ginseng
437	Butenyl group- Rg ₁	C ₄₆ H ₇₆ O ₁₅	868.5179	Ginseng
438	Reiniose D	C ₄₂ H ₄₈ O ₂₀	871.2661	Polygala
439	Ginsenoside Rs ₃	C ₄₄ H ₇₄ O ₁₄	871.505	Ginseng
440	Reiniose E	C ₃₉ H ₅₀ O ₂₃	885.2665	Polygala
441	Notoginsenoside Rt	C ₄₄ H ₇₄ O ₁₅	887.4988	Ginseng
442	4'-O-acetyl-pseudoginsenoside F ₁₁	C ₄₄ H ₇₄ O ₁₅	887.4999	Ginseng
443	6'-O-acetyl-ginsenoside Rg ₁	C ₄₄ H ₇₄ O ₁₅	887.4999	Ginseng
444	Tenuifolioside E	C ₄₁ H ₄₈ O ₂₂	891.2559	Polygala
445	Reiniose F	C ₄₀ H ₅₂ O ₂₄	915.2771	Polygala
446	Tricornose D	C ₄₀ H ₅₂ O ₂₄	915.2771	Polygala
447	Pseudoginsenoside Rt ₁	C ₄₇ H ₇₄ O ₁₈	925.4783	Ginseng
448	Chikusetsusaponin Iv	C ₄₇ H ₇₄ O ₁₈	925.4795	Ginseng
449	Polygalasaponin A	C ₄₇ H ₇₆ O ₁₈	927.4954	Polygala
450	Tricornose C	C ₄₁ H ₅₄ O ₂₄	929.2927	Polygala
451	Ginsenoside Re ₄	C ₄₇ H ₈₀ O ₁₈	931.5267	Ginseng
452	Notoginsenoside R ₁	C ₄₇ H ₈₀ O ₁₈	931.52692	Ginseng
453	Polygalasaponin E	C ₄₇ H ₇₄ O ₁₉	941.4746	Polygala
454	Ginsenoside Rd	C ₄₈ H ₈₂ O ₁₈	945.5399	Ginseng
455	Ginsenoside Re	C ₄₈ H ₈₂ O ₁₈	945.5448	Ginseng
456	Gypenoside XVII	C ₄₈ H ₈₂ O ₁₈	946.5501	Ginseng
457	Ginsenoside Ro	C ₄₈ H ₇₆ O ₁₉	955.4917	Ginseng
458	Polygalasaponin II	C ₄₈ H ₇₈ O ₁₉	957.5059	Polygala
459	Ginsenoside Re ₂	C ₄₈ H ₈₂ O ₁₉	961.5347	Ginseng
460	Ginsenoside Re ₃	C ₄₈ H ₈₂ O ₁₉	961.5347	Ginseng
461	Ginsenoside Re ₁	C ₄₈ H ₈₂ O ₁₉	961.5358	Ginseng
462	20-glc-Rf	C ₄₈ H ₈₂ O ₁₉	962.5385	Ginseng
463	Compound Mc ₁	C ₄₇ H ₈₀ O ₁₇	962.545	Ginseng
464	Gypenoside IX	C ₄₇ H ₈₀ O ₁₇	962.545	Ginseng
465	Notoginsenoside N ₁ /isomer	C ₄₈ H ₈₂ O ₁₉	962.545	Ginseng
466	Polygalasaponin XLVIII	C ₄₈ H ₇₆ O ₂₀	971.4852	Polygala
467	Polygalasaponin XIV	C ₄₈ H ₇₆ O ₂₀	971.4852	Polygala
468	Polygalasaponin XLVII	C ₄₈ H ₇₆ O ₂₀	971.4852	Polygala
469	Polygalasaponin VI	C ₄₈ H ₇₈ O ₂₀	973.5008	Polygala
470	Polygalasaponin B	C ₄₈ H ₇₈ O ₂₀	973.5008	Polygala
471	Notoginsenoside Fp ₁	C ₄₇ H ₈₀ O ₁₈	977.53284	Ginseng
472	Pseudoginsenoside Rc ₁	C ₅₀ H ₈₄ O ₁₉	988.5607	Ginseng
473	Gypenoside XVII	C ₄₈ H ₈₂ O ₁₈	991.5472	Ginseng
474	Notoginsenoside K	C ₄₈ H ₈₂ O ₁₈	991.5504	Ginseng

475	20-O-Glucosylginsenoside Rf	C ₄₈ H ₈₂ O ₁₉	1007.5408	Ginseng
476	Notoginsenoside R ₃	C ₄₈ H ₈₂ O ₁₉	1007.5421	Ginseng
477	Notoginsenoside N	C ₄₈ H ₈₂ O ₁₉	1007.54279	Ginseng
478	VInaginsenoside R ₄	C ₄₈ H ₈₂ O ₁₉	1007.5456	Ginseng
479	Bu-Gypenoside XVII	C ₅₂ H ₈₆ O ₁₉	1014.5757	Ginseng
480	Butenyl group -Rd	C ₅₂ H ₈₆ O ₁₉	1014.5757	Ginseng
481	Butenyl group - Re	C ₅₂ H ₈₆ O ₁₉	1014.5758	Ginseng
482	Malonyl-floralginsenoside Re ₁	C ₅₁ H ₈₄ O ₂₁	1031.54321	Ginseng
483	Malonyl-ginsenoside XDII	C ₅₁ H ₈₄ O ₂₁	1031.54346	Ginseng
484	Malonyl-ginsenoside Rd	C ₅₁ H ₈₄ O ₂₁	1031.5435	Ginseng
485	Malonyl-ginsenoside Re	C ₅₁ H ₈₄ O ₂₁	1031.5437	Ginseng
486	Malonyl-Floralginsenoside Rd ₅	C ₅₁ H ₈₄ O ₂₁	1031.5453	Ginseng
487	Fallaxose A	C ₄₈ H ₅₈ O ₂₅	1033.3189	Polygala
488	Polygalasaponin G	C ₅₂ H ₈₄ O ₂₂	1059.5376	Polygala
489	Polygalasaponin J	C ₅₂ H ₈₂ O ₂₃	1073.5169	Polygala
490	Fallaxose B	C ₅₀ H ₆₀ O ₂₆	1075.3295	Polygala
491	Watterose D	C ₄₉ H ₅₈ O ₂₇	1077.3087	Polygala
492	Watterose I	C ₄₉ H ₅₈ O ₂₇	1077.3087	Polygala
493	Tricornose G	C ₄₆ H ₆₂ O ₂₉	1077.3299	Polygala
494	Ginsenoside Rc	C ₅₃ H ₉₀ O ₂₂	1077.5833	Ginseng
495	Ginsenoside Rb ₃	C ₅₃ H ₉₀ O ₂₂	1077.5838	Ginseng
496	Ginsenoside Rb ₂	C ₅₃ H ₉₀ O ₂₂	1077.5839	Ginseng
497	Polygalasaponin III	C ₅₃ H ₈₆ O ₂₃	1089.5482	Polygala
498	Polygalasaponin F	C ₅₃ H ₈₆ O ₂₃	1089.5482	Polygala
499	Notoginsenoside O/P	C ₅₂ H ₈₈ O ₂₁	1093.5813	Ginseng
500	Polygalasaponin XXIII	C ₅₃ H ₈₂ O ₂₄	1101.5118	Polygala
501	Crotalarioside A	C ₅₃ H ₈₂ O ₂₄	1101.5118	Polygala
502	Amarelloside	C ₅₁ H ₆₀ O ₂₇	1103.3244	Polygala
503	Fallaxose C	C ₅₁ H ₆₀ O ₂₇	1103.3244	Polygala
504	Watterose H	C ₅₁ H ₆₀ O ₂₇	1103.3244	Polygala
505	Polygalasaponin XXVIII	C ₅₃ H ₈₄ O ₂₄	1103.5275	Polygala
506	Polygalasaponin XXI	C ₅₃ H ₈₄ O ₂₄	1103.5275	Polygala
507	Tricornose F	C ₅₁ H ₆₂ O ₂₇	1105.34	Polygala
508	Ginsenoside Rb ₁	C ₅₄ H ₉₂ O ₂₃	1107.5957	Ginseng
509	Polygalasaponin XVII	C ₅₄ H ₈₆ O ₂₄	1117.5431	Polygala
510	Ginsenoside Roa	C ₅₄ O ₈₆ O ₂₄	1117.54382	Ginseng
511	Watterose C	C ₅₁ H ₆₀ O ₂₈	1119.3193	Polygala
512	Polygalasaponin VII	C ₅₄ H ₈₈ O ₂₄	1119.5588	Polygala
513	Ginsenoside Rs ₂	C ₅₅ H ₉₂ O ₂₃	1119.5955	Ginseng
514	Ginsenoside Rs ₁	C ₅₅ H ₉₂ O ₂₃	1119.5973	Ginseng
515	Ginsenoside Rb ₂	C ₅₃ H ₉₀ O ₂₂	1123.5895	Ginseng
516	Ginsenoside Rb ₃	C ₅₃ H ₉₀ O ₂₂	1123.5895	Ginseng
517	Notoginsenoside A/ isomer	C ₅₄ H ₉₂ O ₂₄	1124.5979	Ginseng
518	Fallaxose D	C ₅₂ H ₆₂ O ₂₈	1133.335	Polygala

519	Watterose A	C ₅₂ H ₆₂ O ₂₈	1133.335	Polygala
520	Onjisaponin I	C ₅₄ H ₈₆ O ₂₅	1133.538	Polygala
521	Polygalasaponin XV	C ₅₄ H ₈₆ O ₂₅	1133.538	Polygala
522	Watterose J	C ₅₁ H ₆₀ O ₂₉	1135.3142	Polygala
523	Tricornose E	C ₅₂ H ₆₄ O ₂₈	1135.3506	Polygala
524	Polygalasaponin XI	C ₅₄ H ₈₈ O ₂₅	1135.5537	Polygala
525	Notoginsenoside C	C ₅₄ H ₉₂ O ₂₅	1139.58301	Ginseng
526	Reiniose G	C ₅₃ H ₆₂ O ₂₈	1145.335	Polygala
527	Polygalasaponin XXXIII	C ₅₅ H ₈₆ O ₂₅	1145.538	Polygala
528	ginsenoside Ra ₇	C ₅₇ H ₉₄ O ₂₃	1146.618	Ginseng
529	ginsenoside Ra ₈ /Ra ₉	C ₅₇ H ₉₄ O ₂₃	1146.618	Ginseng
530	Watterose F	C ₅₂ H ₆₂ O ₂₉	1149.3299	Polygala
531	Quinquenoside R ₁	C ₅₆ H ₉₄ O ₂₄	1150.6135	Ginseng
532	5,6-Didehydroginsenoside Rb ₁	C ₅₄ H ₉₀ O ₂₃	1151.5861	Ginseng
533	Ginsenoside Rb ₁	C ₅₄ H ₉₂ O ₂₃	1153.6031	Ginseng
534	Watterose B	C ₅₃ H ₆₂ O ₂₉	1161.3299	Polygala
535	Senegose G	C ₅₃ H ₆₄ O ₂₉	1163.3455	Polygala
536	Senegose H	C ₅₃ H ₆₄ O ₂₉	1163.3455	Polygala
537	Malonyl-ginsenoside Rb ₂	C ₅₆ H ₉₂ O ₂₅	1163.58484	Ginseng
538	Malonyl-ginsenoside Rc	C ₅₆ H ₉₂ O ₂₅	1163.58484	Ginseng
539	Malonyl-Rb ₃	C ₅₆ H ₉₂ O ₂₅	1164.5928	Ginseng
540	Glomeratose F	C ₅₄ H ₆₄ O ₂₉	1175.3455	Polygala
541	Reiniose H	C ₅₄ H ₆₄ O ₂₉	1175.3455	Polygala
542	ginsenoside Ra ₆	C ₅₈ H ₉₆ O ₂₄	1176.6075	Ginseng
543	Watterose G	C ₅₃ H ₆₂ O ₃₀	1177.3248	Polygala
544	Arilloside A	C ₅₇ H ₈₈ O ₂₆	1187.5486	Polygala
545	Watterose E	C ₅₄ H ₆₄ O ₃₀	1191.3404	Polygala
546	Malonyl-Ginsenoside Rb ₁	C ₅₇ H ₉₄ O ₂₆	1193.5999	Ginseng
547	Quinquenoside R ₁	C ₅₆ H ₉₄ O ₂₄	1195.6106	Ginseng
548	Senegose F	C ₅₅ H ₆₆ O ₃₀	1205.3561	Polygala
549	Senegose I	C ₅₅ H ₆₆ O ₃₀	1205.3561	Polygala
550	Ginsenoside Ra ₂	C ₅₈ H ₉₈ O ₂₆	1209.6262	Ginseng
551	Ginsenoside Ra ₁	C ₅₈ H ₉₈ O ₂₆	1209.6272	Ginseng
552	Notoginsenoside Fc	C ₅₈ H ₉₈ O ₂₆	1210.6223	Ginseng
553	Polygalasaponin IV	C ₅₈ H ₉₄ O ₂₇	1221.5904	Polygala
554	Polygalasaponin V	C ₅₈ H ₉₄ O ₂₇	1221.5904	Polygala
555	Tricornose L	C ₅₅ H ₆₈ O ₃₁	1223.3667	Polygala
	3-O-β-D-Glucopyranosyl			
	2-oxo-olean-12-en-23,28-dioic acid			
556	28-O- {β-D-xylopyranosyl(1→4)-[β-D-apiofu ranosyl(1→3)]-α-L-rhamnopyranosyl(1→2)- β-D-glucopyranosyl} ester	C ₅₈ H ₉₀ O ₂₈	1233.5541	Polygala
557	Arilloside B	C ₅₈ H ₉₂ O ₂₈	1235.5697	Polygala
558	Arillatanoside A	C ₅₈ H ₉₂ O ₂₈	1235.5697	Polygala

559	Polygalasaponin XXII 3-O-β-D-Glucopyranosyl medicagenic acid 28-O- {β-D-xylopyranosyl(1→4)-[β-D-apiofu	C ₅₈ H ₉₂ O ₂₈	1235.5697	Polygala
560	ranosyl (1→3)]-α-L-rhamnopyranosyl(1→2)-β-D-glu copyranosyl} ester	C ₅₈ H ₉₂ O ₂₈	1235.5697	Polygala
561	Dalmaiose J	C ₅₉ H ₆₆ O ₂₉	1237.3612	Polygala
562	Notoginsenoside Fa/R ₄	C ₅₉ H ₁₀₀ O ₂₇	1239.63757	Ginseng
563	Ginsenoside Ra ₃	C ₅₉ H ₁₀₀ O ₂₇	1239.6377	Ginseng
564	GinsenosideR ₄	C ₅₉ H ₁₀₀ O ₂₇	1239.6379	Ginseng
565	Dalmaiose H	C ₆₀ H ₆₆ O ₂₉	1249.3612	Polygala
566	Dalmaiose D	C ₅₇ H ₇₀ O ₃₁	1249.3823	Polygala
567	Polygalasaponin XVIII	C ₅₉ H ₉₄ O ₂₈	1249.5854	Polygala
568	Micranthoside A	C ₅₉ H ₉₄ O ₂₈	1249.5854	Polygala
569	Polygalasaponin XXIV	C ₅₈ H ₉₂ O ₂₉	1251.5646	Polygala
570	Polygalasaponin VIII	C ₅₉ H ₉₆ O ₂₈	1251.601	Polygala
571	Polygalasaponin IX	C ₅₉ H ₉₆ O ₂₈	1251.601	Polygala
572	Polygalasaponin H	C ₅₉ H ₉₆ O ₂₈	1251.601	Polygala
573	Tricornose K	C ₅₆ H ₇₀ O ₃₂	1253.3772	Polygala
574	Ginsenoside Ra ₂	C ₅₈ H ₉₈ O ₂₆	1255.6291	Ginseng
575	Crotalarioside B	C ₅₉ H ₉₂ O ₂₉	1263.5646	Polygala
576	Tenuifoliose K	C ₅₇ H ₇₀ O ₃₂	1265.3772	Polygala
577	Desacylsenegasaponin B 3-O-(β-D-Glucopyranosyl) presenegenin	C ₅₉ H ₉₄ O ₂₉	1265.5803	Polygala
578	28-[O-β-D-galactopyranosyl-(1→4)-O-β-D-x ylopyranosyl-(1→4)-O-α-L-rhamnopyranosyl -(1→2)-β-D-fucopyranosyl] ester	C ₅₉ H ₉₄ O ₂₉	1265.5803	Polygala
579	Polygalasaponin XVI	C ₅₉ H ₉₄ O ₂₉	1265.5803	Polygala
580	Dalmaiose L	C ₆₀ H ₆₈ O ₃₀	1267.3717	Polygala
581	Tricornose J	C ₅₇ H ₇₂ O ₃₂	1267.3929	Polygala
582	Dalmaiose E	C ₅₈ H ₇₂ O ₃₂	1279.3929	Polygala
583	Dalmaiose F	C ₅₈ H ₇₂ O ₃₂	1279.3929	Polygala
584	Tricornose H	C ₅₇ H ₇₂ O ₃₃	1283.3878	Polygala
585	Senegose D	C ₅₇ H ₇₂ O ₃₃	1283.3878	Polygala
586	Notoginsenoside R ₄	C ₅₉ H ₁₀₀ O ₂₇	1285.6453	Ginseng
587	Dalmaiose B	C ₅₉ H ₇₂ O ₃₂	1291.3929	Polygala
588	Micranthoside B	C ₆₁ H ₉₆ O ₂₉	1291.5959	Polygala
589	Polygalasaponin XLII	C ₆₄ H ₉₄ O ₂₇	1293.5904	Polygala
590	Senegose K	C ₅₈ H ₇₂ O ₃₃	1295.3878	Polygala
591	Senegose M	C ₅₈ H ₇₂ O ₃₃	1295.3878	Polygala
592	Tenuifoliose C	C ₅₈ H ₇₂ O ₃₃	1295.3878	Polygala
593	Tenuifoliose E	C ₅₈ H ₇₂ O ₃₃	1295.3878	Polygala
594	Tricornose I	C ₅₈ H ₇₄ O ₃₃	1297.4034	Polygala
595	Tenuifoliose I	C ₅₉ H ₇₂ O ₃₃	1307.3878	Polygala

596	Tenuifoliose J	C ₅₉ H ₇₂ O ₃₃	1307.3878	Polygala
597	Polygalasaponin XXXIV	C ₆₁ H ₉₆ O ₃₀	1307.5908	Polygala
598	Reinioside B	C ₆₁ H ₉₆ O ₃₀	1307.5908	Polygala
599	Polygalasaponin XXXVII	C ₆₁ H ₉₆ O ₃₀	1307.5908	Polygala
600	Dalmaiosiose M	C ₆₂ H ₇₀ O ₃₁	1309.3823	Polygala
601	Dalmaiosiose G	C ₅₉ H ₇₄ O ₃₃	1309.4034	Polygala
602	Arilloside C	C ₆₂ H ₉₆ O ₃₀	1319.5908	Polygala
603	Fallaxose E	C ₅₉ H ₇₄ O ₃₄	1325.3983	Polygala
604	Senegose B	C ₅₉ H ₇₄ O ₃₄	1325.3983	Polygala
605	Senegose C	C ₅₉ H ₇₄ O ₃₄	1325.3983	Polygala
606	Tenuifoliose P	C ₅₉ H ₇₄ O ₃₄	1325.3983	Polygala
607	Reinioside J	C ₆₀ H ₇₄ O ₃₄	1337.3983	Polygala
608	Senegose J	C ₆₀ H ₇₄ O ₃₄	1337.3983	Polygala
609	Senegose L	C ₆₀ H ₇₄ O ₃₄	1337.3983	Polygala
610	Senegose N	C ₆₀ H ₇₄ O ₃₄	1337.3983	Polygala
611	Senegose O	C ₆₀ H ₇₄ O ₃₄	1337.3983	Polygala
612	Tenuifoliose B	C ₆₀ H ₇₄ O ₃₄	1337.3983	Polygala
613	Tenuifoliose D	C ₆₀ H ₇₄ O ₃₄	1337.3983	Polygala
614	Notoginsenoside S	C ₆₃ H ₁₀₆ O ₃₀	1341.6686	Ginseng
615	Tenuifoliose H	C ₆₁ H ₇₄ O ₃₄	1349.3983	Polygala
616	Polygalasaponin XXXV	C ₆₃ H ₉₈ O ₃₁	1349.6014	Polygala
617	Reinioside C	C ₆₃ H ₉₈ O ₃₁	1349.6014	Polygala
618	Dalmaiosiose C	C ₆₁ H ₇₆ O ₃₄	1351.414	Polygala
619	28-O-[α-L-Rhamnopyranosyl(1→4)-α-L-rhamnopyranosyl(1→4)-[β-D-xylofuranosyl(1→2)-β-D-xylopyranosyl(1→3)]-β-D-xylopyranosyl]-3-O-β-D-glucopyranosyl-16α-hydroxy medicagenate	C ₆₃ H ₁₀₀ O ₃₁	1351.6171	Polygala
620	Reinioside I	C ₆₁ H ₇₆ O ₃₅	1367.4089	Polygala
621	Senegose A	C ₆₁ H ₇₆ O ₃₅	1367.4089	Polygala
622	Senegose E	C ₆₁ H ₇₆ O ₃₅	1367.4089	Polygala
623	28-O-[β-D-Glucofuranosyl(1→2)-β-D-xylopyranosyl(1→4)-α-L-rhamnopyranosyl(1→4)-[α-D-xylopyranosyl(1→3)]-β-D-xylopyranosyl]-3-O-β-D-glucopyranosyl-medicagenate	C ₆₃ H ₁₀₀ O ₃₂	1367.612	Polygala
624	Notoginsenoside T	C ₆₄ H ₁₀₈ O ₃₁	1371.6792	Ginseng
625	Tenuifoliose A	C ₆₂ H ₇₆ O ₃₅	1379.4089	Polygala
626	Polygalasaponin XIX	C ₆₄ H ₁₀₂ O ₃₂	1381.6276	Polygala
627	Polygalasaponin X	C ₆₄ H ₁₀₄ O ₃₂	1383.6433	Polygala
628	3-O-(β-D-Glucopyranosyl) presenegenin 28-{O-α-L-arabinopyranosyl-(1→4)-O-β-D-xylopyranosyl-(1→4)-O-α-L-rhamnopyranosyl-(1→2)-4-O-[(E, Z)-4-methoxycinnamoyl]-β-D-fucopyranosyl	C ₆₈ H ₁₀₀ O ₃₀	1395.6221	Polygala

					} ester
629	Myrtifolioside D1/D2	C ₆₈ H ₁₀₀ O ₃₀	1395.6221	Polygala	
630	Myrtifolioside E1/E2	C ₆₈ H ₁₀₀ O ₃₀	1395.6221	Polygala	
631	Arilloside D	C ₆₄ H ₁₀₂ O ₃₃	1397.6225	Polygala	
632	Polygalasaponin XXIX	C ₆₄ H ₁₀₂ O ₃₃	1397.6225	Polygala	
633	Desacylsenegasaponin A	C ₆₄ H ₁₀₂ O ₃₃	1397.6225	Polygala	
634	Arillatanoside C	C ₆₄ H ₁₀₂ O ₃₃	1397.6225	Polygala	
	3-β-O-D-Glucopyranosyl-(1→2)-β-D-glucopyranosyl presenegenin				
635	28-O-β-D-xylopyranosyl (1→4)-[β-D-apiofuranosyl (1→3)]-α-L-rhamnopyranosyl (1→2)-β-D-fucopyranosyl ester	C ₆₄ H ₁₀₂ O ₃₃	1397.6225	Polygala	
636	Tenuifoliose O	C ₆₃ H ₇₈ O ₃₆	1409.4195	Polygala	
637	Tenuifoliose N	C ₆₃ H ₇₈ O ₃₆	1409.4195	Polygala	
638	Onjisaponin M	C ₆₉ H ₁₀₂ O ₃₀	1409.6378	Polygala	
639	Polygalasaponin L	C ₆₄ H ₁₀₀ O ₃₄	1411.6018	Polygala	
640	Desacylsenegin III	C ₆₅ H ₁₀₄ O ₃₃	1411.6382	Polygala	
641	Polygalasaponin XLIX	C ₆₄ H ₁₀₂ O ₃₄	1413.6175	Polygala	
642	Dalmaisiose I	C ₆₇ H ₇₈ O ₃₄	1425.4296	Polygala	
643	E-Senegasaponin B	C ₆₉ H ₁₀₂ O ₃₁	1425.6327	Polygala	
644	Z-Senegasaponin B	C ₆₉ H ₁₀₂ O ₃₁	1425.6327	Polygala	
	3-O-(β-D-Glucopyranosyl) presenegenin				
645	28-(O-β-D-glucopyranosyl-(1→3)-O-α-L-arabinopyranosyl-(1→4)-O-α-L-rhamnopyranosyl-(1→2)-{4-O-[(E,Z)-4-methoxycinnamoyl]}-β-D-fucopyranosyl) ester	C ₆₉ H ₁₀₂ O ₃₁	1425.6327	Polygala	
	3-O-(β-D-Glucopyranosyl) presenegenin				
646	28-{O-α-L-arabinopyranosyl-(1→4)-O-β-D-xylopyranosyl-(1→4)-O-α-L-rhamnopyranosyl-(1→2)-4-O-[(E)-3,4-dimethoxycinnamoyl]-β-D-fucopyranosyl} ester	C ₆₉ H ₁₀₂ O ₃₁	1425.6327	Polygala	
647	Myrtifolioside C1/ C2	C ₆₉ H ₁₀₂ O ₃₁	1425.6327	Polygala	
648	Desacylsenegasaponin C	C ₆₅ H ₁₀₄ O ₃₄	1427.6331	Polygala	
	3-O-(β-D-Glucopyranosyl) presenegenin				
649	28-{O-β-D-galactopyranosyl-(1→4)-O-[β-D-glucopyranosyl-(1→3)]-O-β-D-xylopyranosyl-(1→4)-O-α-L-rhamnopyranosyl-(1→2)-β-D-fucopyranosyl} ester	C ₆₅ H ₁₀₄ O ₃₄	1427.6331	Polygala	
	3-O-β-D-Glucopyranosyl				
650	presenegenin-28-O-β-D-galactopyranosyl-(1→3)-β-D-xylopyranosyl-(1→4)-α-L-rhamnopyranosyl-(1→2)-[β-D-glucopyr	C ₆₅ H ₁₀₄ O ₃₄	1427.6331	Polygala	

	anosyl-(1→3)]- β-D-fucopyranoside			
651	Arilloside E	C ₆₆ H ₁₀₄ O ₃₄	1439.6331	Polygala
652	Arillatanoside B	C ₆₆ H ₁₀₄ O ₃₄	1439.6331	Polygala
653	Glomeratose G	C ₆₇ H ₇₈ O ₃₅	1441.4246	Polygala
654	Dalmaisiose P	C ₆₇ H ₈₀ O ₃₅	1443.4402	Polygala
655	Tenuifoliose M	C ₆₅ H ₈₂ O ₃₇	1453.4457	Polygala
656	Tenuifoliose Q	C ₆₅ H ₈₂ O ₃₇	1453.4457	Polygala
657	Polygalasaponin XXXIX	C ₆₇ H ₁₀₆ O ₃₄	1453.6488	Polygala
658	Dalmaisiose K	C ₆₈ H ₈₀ O ₃₅	1455.4402	Polygala
659	Dalmaisiose N	C ₆₈ H ₈₀ O ₃₅	1455.4402	Polygala
660	E-Senegin II	C ₇₀ H ₁₀₄ O ₃₂	1455.6433	Polygala
661	Z-Senegin II	C ₇₀ H ₁₀₄ O ₃₂	1455.6433	Polygala
662	Onjisaponin G	C ₇₀ H ₁₀₄ O ₃₂	1455.6433	Polygala
	3-O-(β-D-Glucopyranosyl) presenegenin			
	28-(O-β-D-glucopyranosyl-(1→3)-O-α-L-ara			
663	binopyranosyl-(1→4)-O-α-L-rhamnopyranos	C ₇₀ H ₁₀₄ O ₃₂	1455.6433	Polygala
	yl-(1→2)-{4-O-[(E,			
	Z)-3,4-dimethoxycinnamoyl]}-β-D-fucopyran			
	osyl) ester			
664	Polygalasaponin XXXVIII	C ₆₇ H ₁₀₆ O ₃₅	1469.6437	Polygala
665	Onjisaponin Z	C ₇₁ H ₁₀₆ O ₃₂	1469.6589	Polygala
666	Arilloside F	C ₆₈ H ₁₀₆ O ₃₅	1481.6437	Polygala
667	Reinioside D	C ₆₈ H ₁₀₆ O ₃₅	1481.6437	Polygala
668	Tenuifoliose G	C ₆₆ H ₈₄ O ₃₈	1483.4563	Polygala
669	Dalmaisiose O	C ₆₉ H ₈₂ O ₃₆	1485.4508	Polygala
670	Onjisaponin E	C ₇₁ H ₁₀₆ O ₃₃	1485.6538	Polygala
671	Tenuifoliose L	C ₆₇ H ₈₄ O ₃₈	1495.4563	Polygala
672	Reinioside F	C ₆₉ H ₁₀₈ O ₃₆	1511.6542	Polygala
	3-O-β-D-Glucopyranosyl presenegenin			
	28-O-α-L-arabipyranosyl			
673	(1→3)-β-D-xylopyranosyl(1→4)-[β-D-apiof	C ₆₉ H ₁₁₀ O ₃₆	1513.6699	Polygala
	uranosyl(1→3)]-α-L-rhamnopyranosyl(1→2)			
	-[α-L-rhamnopyranosyl(1→3)]-β-D-fucopyra			
	nosyl ester			
674	Polygalasaponin XXXVI	C ₇₀ H ₁₀₈ O ₃₆	1523.6542	Polygala
675	Reinioside E	C ₇₀ H ₁₀₈ O ₃₆	1523.6542	Polygala
676	Tenuifoliose F	C ₆₈ H ₈₆ O ₃₉	1525.4668	Polygala
677	Arillatanoside D	C ₆₉ H ₁₁₀ O ₃₇	1529.6648	Polygala
678	E-Onjisaponin H	C ₇₄ H ₁₁₀ O ₃₄	1541.6801	Polygala
679	Z-Onjisaponin H	C ₇₄ H ₁₁₀ O ₃₄	1541.6801	Polygala
680	Onjisaponin Pg	C ₇₀ H ₁₁₀ O ₃₇	1545.675	Polygala
681	Polygalasaponin XLIII	C ₇₄ H ₁₁₀ O ₃₅	1557.675	Polygala
682	E-Senegasaponin A	C ₇₄ H ₁₁₀ O ₃₅	1557.675	Polygala
683	Z-Senegasaponin A	C ₇₄ H ₁₁₀ O ₃₅	1557.675	Polygala

684	Myrtifolioside B1	C ₇₄ H ₁₁₀ O ₃₅	1557.675	Polygala
685	Myrtifolioside B2	C ₇₄ H ₁₁₀ O ₃₅	1557.675	Polygala
686	E-Senegin III	C ₇₅ H ₁₁₂ O ₃₅	1571.6906	Polygala
687	Z-Senegin III	C ₇₅ H ₁₁₂ O ₃₅	1571.6906	Polygala
688	Onjisaponin B	C ₇₅ H ₁₁₂ O ₃₅	1571.6906	Polygala
689	Polygalasaponin XXX	C ₇₅ H ₁₁₂ O ₃₆	1587.6855	Polygala
690	Polygalasaponin XXXI	C ₇₅ H ₁₁₂ O ₃₆	1587.6855	Polygala
691	Onjisaponin F	C ₇₅ H ₁₁₂ O ₃₆	1587.6855	Polygala
	3-O-(β-D-Glucopyranosyl) presenegenin			
	28-(O-β-D-galactopyranosyl-(1→4)-O-[β-D-glucopyranosyl-(1→3)]-O-β-D-xylopyranosyl-(1→4)-O-α-L-rhamnopyranosyl-(1→2)-{4-O-[(E,Z)-4-methoxycinnamoyl]}-β-D-fucopyranosyl) ester			
692		C ₇₅ H ₁₁₂ O ₃₆	1587.6855	Polygala
693	Onjisaponin Gg	C ₇₆ H ₁₁₂ O ₃₆	1599.6855	Polygala
694	Onjisaponin K	C ₇₆ H ₁₁₂ O ₃₆	1599.6855	Polygala
695	Polygalasaponin XLIV	C ₇₆ H ₁₁₄ O ₃₇	1617.6961	Polygala
696	Onjisaponin R	C ₇₆ H ₁₁₄ O ₃₇	1617.6961	Polygala
	3-O-(β-D-Glucopyranosyl) presenegenin			
	28-(O-β-D-galactopyranosyl-(1→4)-O-[β-D-glucopyranosyl-(1→3)]-O-β-D-xylopyranosyl-(1→4)-O-α-L-rhamnopyranosyl-(1→2)-{4-O-[(E,Z)-3,4-dimethoxycinnamoyl]}-β-D-fucopyranosyl) ester			
697		C ₇₆ H ₁₁₄ O ₃₇	1617.6961	Polygala
698	Polygalajaponicose I	C ₇₅ H ₉₀ O ₄₀	1629.493	Polygala
699	E -Senegasaponin C	C ₇₇ H ₁₁₄ O ₃₇	1629.6961	Polygala
700	Z -Senegasaponin C	C ₇₇ H ₁₁₄ O ₃₇	1629.6961	Polygala
701	Onjisaponin O	C ₇₇ H ₁₁₆ O ₃₇	1631.7117	Polygala
702	Polygalasaponin XL	C ₇₄ H ₁₁₆ O ₄₀	1643.6965	Polygala
703	Polygalasaponin XLV	C ₇₈ H ₁₁₆ O ₃₈	1659.7067	Polygala
704	Polygalasaponin XLVI	C ₇₈ H ₁₁₆ O ₃₈	1659.7067	Polygala
705	Onjisaponin W	C ₇₉ H ₁₁₆ O ₃₈	1671.7067	Polygala
706	Polygalasaponin XXXII	C ₇₉ H ₁₁₈ O ₃₈	1673.7223	Polygala
707	Tenuifoside A	C ₇₉ H ₁₁₈ O ₃₈	1673.7223	Polygala
708	Micranthoside C	C ₇₅ H ₁₂₀ O ₄₁	1675.7227	Polygala
709	Polygalasaponin XLI	C ₇₆ H ₁₁₈ O ₄₁	1685.7071	Polygala
710	Onjisaponin Ng	C ₈₀ H ₁₁₈ O ₃₈	1685.7223	Polygala
711	OnjisaponinQg	C ₇₆ H ₁₂₀ O ₄₁	1687.7227	Polygala
712	Myrtifolioside A1	C ₇₉ H ₁₁₈ O ₃₉	1689.7172	Polygala
713	Myrtifolioside A2	C ₇₉ H ₁₁₈ O ₃₉	1689.7172	Polygala
714	E-Senegin IV	C ₈₀ H ₁₂₀ O ₃₉	1703.7329	Polygala
715	Z-Senegin IV	C ₈₀ H ₁₂₀ O ₃₉	1703.7329	Polygala

716	Onjisaponin A	C ₈₀ H ₁₂₀ O ₃₉	1703.7329	Polygala
717	OnjisaponinFg	C ₈₁ H ₁₂₀ O ₄₀	1731.7278	Polygala
718	Onjisaponin S	C ₈₁ H ₁₂₂ O ₄₀	1733.7434	Polygala
719	Onjisaponin Y	C ₈₂ H ₁₂₂ O ₄₁	1761.7384	Polygala
720	Onjisaponin V	C ₈₂ H ₁₂₂ O ₄₁	1761.7384	Polygala
721	Onjisaponin Vg	C ₈₂ H ₁₂₂ O ₄₁	1761.7384	Polygala
722	Onjisaponin T	C ₈₄ H ₁₂₈ O ₄₁	1791.7853	Polygala
723	Onjisaponin J	C ₈₅ H ₁₂₆ O ₄₂	1817.7646	Polygala
724	Onjisaponin L	C ₈₆ H ₁₂₈ O ₄₃	1847.7751	Polygala
725	Onjisaponin Sg	C ₈₇ H ₁₃₀ O ₄₄	1877.7857	Polygala
726	Onjisaponin Ug	C ₈₇ H ₁₃₀ O ₄₅	1893.7806	Polygala
727	Onjisaponin X	C ₈₇ H ₁₃₀ O ₄₅	1893.7806	Polygala
728	OnjisaponinTg	C ₉₀ H ₁₃₆ O ₄₅	1935.8276	Polygala
729	pinicolic acid A	C ₃₀ H ₄₆ O ₃	453.68	Poriacocos
730	dehydropachymic acid	C ₃₃ H ₅₀ O ₅	525.75	Poriacocos
731	Floralginsenoside A	C ₄₂ H ₇₂ O ₁₆	831.4748	Ginseng