

Table S1. The compounds identified in different fractions from White Que Zui tea (WQT) by quasi-targeted metabolomics analysis.

Peak	Name	Formula	Molecular Weight	RT [min]	Class	CAS	FP	EP	IBP	UFP	UEP	UIBP
1	Dimethylmalonic acid	C ₅ H ₈ O ₄	132.042	0.67	Organic Acids	"595-46-0"	558400	3748000	1303000	847100	1661000	1975000
2	Afzelechin	C ₁₅ H ₁₄ O ₅	274.084	0.68	Flavonoids	"2545-00-8"	113800	278100	57160	162300	59500	109900
3	2-O-Caffeoylmalic acid	C ₁₅ H ₁₂ O ₈	296.053	0.69	Polyphenol	"53755-04-7"	25190	144300	39680	39540	28230	52060
4	6'-O-Feruloyl-D-sucrose	C ₂₂ H ₃₀ O ₁₄	518.164	0.69	Polyphenol	"118230-77-6"	79780	562600	79630	287200	87060	145900
5	Oxalacetic acid	C ₄ H ₄ O ₅	132.07	0.69	Organic Acids	"328-42-7"	458600	2416000	850500	668600	1248000	1366000
6	3-Phenylpropanoic acid	C ₉ H ₁₀ O ₂	150.174	0.7	Phenylpropanoids	"501-52-0"	252300	228300	130800	308900	161400	291100
7	Kuwanon A	C ₂₅ H ₂₄ O ₆	420.454	0.7	Flavonoids	"62949-77-3"	12450	246700	22130	21630	32940	50170
8	Melittoside	C ₂₁ H ₃₂ O ₁₅	524.47	0.7	Terpenoids	"19467-03-9"	28281	221200	14940	1900	16330	27980
9	4-Hydroxy-2-Oxoglutaric Acid	C ₅ H ₈ O ₆	162.098	0.7	Organic Acids	"1187-99-1"	661000	1510000	568600	1164000	512400	944900
10	Glutaric Acid	C ₅ H ₈ O ₄	132.115	0.7	Organic Acids	"110-94-1"	667200	3870000	1318000	876700	1787000	2005000
11	alpha-Benzylsuccinic acid	C ₁₁ H ₁₂ O ₄	208.211	0.71	Organic Acids	"884-33-3"	132300	1059000	324300	178700	354700	546200
12	2-Oxoadipic acid	C ₈ H ₈ O ₅	160.037	0.72	Organic Acids	"3184-35-8"	902200	1428000	681200	1110000	541800	800000
13	6-Sialyllactose	C ₂₃ H ₃₉ NO ₁₉	633.551	0.73	Carbohydrates	"35890-39-2"	12630	23950	8636	42540	11544	6885
14	D-Glucarate	C ₆ H ₁₀ O ₈	210.139	0.82	Carbohydrates	"87-73-0"	618700	202200	57960	713500	169000	193500
15	3-Ureidopropionate	C ₈ H ₈ N ₂ O ₃	132.053	0.82	Organic Acids	"462-88-4"	438600	42310	47156	811300	14730	140648
16	Ribose 5-phosphate	C ₅ H ₁₁ O ₈ P	230.02	0.84	Carbohydrates	"4300-28-1"	249800	23510	71550	384300	29040	70090
17	2,2-Dimethylsuccinic acid	C ₈ H ₁₀ O ₄	146.058	0.84	Organic Acids	"597-43-3"	18300	5611	4009	24830	2392	6775
18	Sorbitol 6-phosphate	C ₆ H ₁₃ O ₉ P	262.045	0.86	Carbohydrates	"20479-58-7"	1076000	215800	88660	1074000	149200	37390
19	D-Glucose 6-phosphate	C ₆ H ₁₃ O ₉ P	260.03	0.86	Carbohydrates	"56-73-5"	12480000	558200	203400	20850000	889600	252400
20	D-Fructose 6-Phosphate	C ₆ H ₁₃ O ₉ P	260.136	0.86	Carbohydrates	"643-13-0"	35970000	1069000	498800	54380000	2121000	561800
21	O-Phosphorylethanolamine	C ₂ H ₈ NO ₄ P	141.063	0.86	Organic Acids	"1071-23-4"	506600	11250	11150	542700	62171	8025
22	Adipic acid	C ₈ H ₁₀ O ₄	146.058	0.86	Organic Acids	"124-04-9"	84790	64300	111800	134700	115200	103200
23	D-Mannose 6-phosphate	C ₆ H ₁₃ O ₉ P	260.136	0.87	Carbohydrates	"723729-16-6"	624500	35420	8364	914500	56390	12280
24	alpha-D-Galactose 1-phosphate	C ₆ H ₁₃ O ₉ P	260.136	0.87	Carbohydrates	"2255-14-3"	24680000	600900	113000	26870000	669200	451200
25	D-Galactaric acid	C ₆ H ₁₀ O ₈	210.038	0.87	Carbohydrates	"526-99-8"	2126000	933800	253900	2221000	683600	761600
26	D-Glucopyranose	C ₆ H ₁₂ O ₆	180.156	0.87	Carbohydrates	"28905-12-6"	427900	1303000	258000	463800	1047000	432200
27	s7p	C ₇ H ₁₃ BaO ₁₀ P	425.473	0.87	Carbohydrates	"2646-35-7"	4392000	1443000	91610	4727000	1056000	214100
28	Ligustrazine	C ₈ H ₁₇ N ₅	136.197	0.88	Alkaloids	"1124-11-4"	1622000	1017000	316800	1861000	1199000	321100
29	D-Fructose 1,6-bisphosphate	C ₆ H ₁₄ O ₁₂ P ₂	340.116	0.88	Carbohydrates	"488-69-7"	121700	31600	78150	151400	84750	34730
30	Succinic anhydride	C ₄ H ₄ O ₃	100.073	0.88	Organic Acids	"108-30-5"	23810000	8591000	603700	31940000	3713000	1099000
31	Cinnamyl acetate	C ₁₁ H ₁₂ O ₂	176.21	0.89	Phenylpropanoids	"103-54-8"	229200	321800	49410	281700	351700	124500
32	L-Sorbose	C ₆ H ₁₂ O ₆	180.16	0.89	Carbohydrates	"87-79-6"	326300	137200	39680	470000	159000	62420
33	D-Ribose 5-phosphate	C ₅ H ₁₁ O ₈ P	230.11	0.89	Organic Acids	"207671-46-3"	1732000	106400	218100	2381000	186700	253300
34	D-Glucuronic acid	C ₆ H ₁₀ O ₇	194.14	0.894	Carbohydrates	"6556-12-3"	201300	222400	179900	173000	260300	254600
35	Ribose 1-phosphate	C ₅ H ₁₁ O ₈ P	230.11	0.9	Carbohydrates	"14075-00-4"	530100	23670	849200	612000	34270	982000
36	beta-L-Arabinose	C ₅ H ₁₀ O ₅	150.13	0.9	Carbohydrates	"5328-37-0"	64260	28850	73110	57240	45720	76640
37	Dihydroxyacetone phosphate	C ₃ H ₇ O ₆ P	170.058	0.9	Carbohydrates	"57-04-5"	199900	74810	34030	202500	116800	59530
38	D-Galactose	C ₆ H ₁₂ O ₆	180.16	0.9	Carbohydrates	"59-23-4"	1370000	2762000	723900	1812000	2506000	1150000
39	Hydroxycitric acid	C ₆ H ₈ O ₈	208.124	0.9	Organic Acids	"6205-14-7"	76070	36780	14200	67890	31880	20540
40	D-Xylonic acid	C ₅ H ₁₀ O ₆	166.048	0.9	Organic Acids	"526-91-0"	3895000	4906000	491700	4288000	2499000	702300
41	Riboflavin-5'-monophosphate	C ₁₇ H ₂₁ NaO ₉ P	456.344	0.91	Polyphenol	"146-17-8"	734900	21920	10840	1160000	17490	4023
42	Lactobionic acid	C ₁₂ H ₂₂ O ₁₂	358.3	0.91	Carbohydrates	"96-82-2"	77770	8433	19413	139300	8276	57311
43	D-(-)-Cellobiose	C ₁₂ H ₂₂ O ₁₁	342.3	0.91	Carbohydrates	"528-50-7"	63920	9040	7393	103400	53731	52582
44	D-Fructose-1,6-biphosphate	C ₆ H ₁₄ O ₁₂ P ₂	339.996	0.91	Carbohydrates	"38099-82-0"	110900	67600	20710	119600	25480	21670
45	N-Acetylglucosamine 1-phosphate	C ₈ H ₁₆ NO ₉ P	301.1	0.91	Carbohydrates	"6866-69-9"	58490	91910	58113	116900	125100	115799
46	6-Phosphogluconic acid	C ₆ H ₁₃ O ₁₀ P	276.135	0.91	Carbohydrates	"921-62-0"	405100	119300	41780	569400	97020	43040
47	D-Gluconic acid	C ₆ H ₁₂ O ₇	196.155	0.91	Carbohydrates	"526-95-4"	4663000	2059000	417900	6201000	2324000	450400
48	Lactose	C ₁₂ H ₂₂ O ₁₁	342.3	0.911	Carbohydrates	"63-42-3"	169300	12550	5418	195600	12110	7614
49	alpha-D-Glucose	C ₆ H ₁₂ O ₆	180.16	0.912	Carbohydrates	"492-62-6"	1262000	774300	172900	1265000	810500	364100

50	Fructose	C ₆ H ₁₂ O ₆	180.16	0.92 Carbohydrates	"57-48-7"	502600	146100	47360	768900	160600	81680
51	D-Ribose	C ₅ H ₁₀ O ₅	150.13	0.92 Carbohydrates	"50-69-1"	421500	709700	250900	439800	645500	560700
52	D-Galactonic acid	C ₆ H ₁₂ O ₇	196.155	0.92 Organic Acids	"13382-27-9"	3066000	1395000	278500	3970000	1632000	299500
53	L-Arabinitol	C ₅ H ₁₂ O ₅	152.15	0.925 Carbohydrates	"7643-75-6"	32090	7867	5975	52090	10280	18550
54	Ribitol	C ₅ H ₁₂ O ₅	152.15	0.927 Carbohydrates	"488-81-3"	644800	128300	13840	805900	49310	29030
55	Ajugol	C ₁₅ H ₂₄ O ₉	348.346	0.93 Terpenoids	"52949-83-4"	42750	14590	12990	21370	13360	24540
56	Oxalic acid	C ₂ H ₂ O ₄	90.035	0.93 Organic Acids	"144-62-7"	2205000	215257	407900	2027000	397700	833900
57	D-Glucose	C ₆ H ₁₂ O ₆	180.156	0.94 Carbohydrates	"50-99-7"	620500	1016000	218400	735700	915600	348800
58	L-Gulono-1,4-lactone	C ₆ H ₁₀ O ₆	178.14	0.948 Carbohydrates	"1128-23-0"	424400	153700	124500	463300	181500	133900
59	Butein	C ₁₅ H ₁₂ O ₅	272.069	0.95 Chalcones	"487-52-5"	85820	49890	12749	225100	31420	8595
60	Bisulfurous Acid	C ₁₁ H ₈ O ₂	172.18	0.95 Quinones	"58-27-5"	308800	21410	16940	520700	45330	18030
61	L-Fucose	C ₆ H ₁₂ O ₅	164.069	0.95 Carbohydrates	"2438-80-4"	213600	52200	52780	192200	64400	88090
62	D-3-Phosphoglyceric acid	C ₃ H ₅ H ₂ O ₇ P	230.021	0.95 Carbohydrates	"80731-10-8"	1408000	169400	80250	2131000	254300	81640
63	L-(+)-Rhamnose Monohydrate	C ₆ H ₁₄ O ₆	182.17	0.96 Carbohydrates	"10030-85-0"	68060	16640	12390	97390	25730	56238
64	Trehalose 6-phosphate	C ₁₂ H ₂₃ O ₁₄ P	422.276	0.96 Carbohydrates	"4484-88-2"	172700	120100	52710	326000	121400	33040
65	Melibiose	C ₁₂ H ₂₂ O ₁₁	342.3	0.96 Carbohydrates	"585-99-9"	429500	203700	34180	665800	53030	47040
66	D-Tagatose	C ₆ H ₁₂ O ₆	180.156	0.96 Carbohydrates	"87-81-0"	1928000	4475000	1148000	2414000	3915000	1934000
67	alpha.alpha-Trehalose	C ₁₂ H ₂₂ O ₁₁	342.296	0.962 Carbohydrates	"99-20-7"	90490	77810	14400	192000	43795	6896
68	Isomaltulose	C ₁₂ H ₂₂ O ₁₁	342.116	0.97 Carbohydrates	"13718-94-0"	391000	244800	29180	800100	144396	43270
69	Coniferin	C ₁₆ H ₂₂ O ₈	342.132	0.97 Carbohydrates	"531-29-3"	472800	255800	37430	1036000	86470	43040
70	3-Hydroxy-3-methyl butyric acid	C ₅ H ₁₀ O ₃	118.063	0.97 Organic Acids	"625-08-1"	25160	288200	242300	34320	273900	296600
71	L-Rhamnose	C ₆ H ₁₂ O ₅	164.16	0.98 Carbohydrates	"73-34-7"	115000	46700	21180	131700	42630	40520
72	Sucrose	C ₁₂ H ₂₂ O ₁₁	342.116	0.98 Carbohydrates	"57-50-1"	106600	84630	14490	236700	29050	29650
73	Capsianoside I	C ₃₂ H ₅₂ O ₁₄	660.336	0.98 Terpenoids	"121924-04-7"	907000	273700	252800	1290000	336200	265600
74	Angelol B	C ₂₀ H ₂₄ O ₇	376.4	0.98 Coumarins	"83156-04-1"	27160	18880	7677	32960	11780	10040
75	Madecassic acid	C ₆ H ₁₂ O ₅	164.156	0.99 Terpenoids	"18449-41-7"	23740	7635	7853	23780	12240	4783
76	Glycolic acid	C ₂ H ₄ O ₃	76.05	0.99 Organic Acids	"79-14-1"	135900	291200	238500	154900	364000	461300
77	Quinic acid	C ₇ H ₁₂ O ₆	192.17	0.998 Polyphenol	"77-95-2"	220100000	137600000	49360000	260200000	173300000	49220000
78	beta-D-Lactose	C ₁₂ H ₂₂ O ₁₁	342.297	1 Carbohydrates	"5965-66-2"	139900	25810	17490	241100	43108	10470
79	Tartaric acid	C ₄ H ₆ O ₆	150.09	1.008 Organic Acids	"87-69-4"	957100	394900	193800	1048000	768800	750000
80	Raffinose	C ₁₈ H ₃₂ O ₁₆	504.437	1.009 Carbohydrates	"512-69-6"	28420	21160	7713	66070	10130	33363
81	Sakuranetin	C ₁₆ H ₁₄ O ₅	286.279	1.01 Flavanones	"2957-21-3"	115300	52300	13200	157400	46080	9793
82	Maltose	C ₁₂ H ₂₂ O ₁₁	342.3	1.01 Carbohydrates	"69-79-4"	82010	12980	7975	169600	52395	5470
83	D-Xylulose	C ₅ H ₁₀ O ₅	150.13	1.01 Carbohydrates	"551-84-8"	25000	26710	16640	30530	25670	23700
84	D-Xylose	C ₅ H ₁₀ O ₅	150.131	1.01 Carbohydrates	"58-86-6"	117900	267700	86020	126700	229200	169700
85	Cellotriose	C ₁₈ H ₃₂ O ₁₆	504.437	1.02 Carbohydrates	"33404-34-1"	11200	26950	7694	12540	8367	5880
86	Gluconolactone	C ₆ H ₁₀ O ₆	178.14	1.02 Carbohydrates	"90-80-2"	202600	96040	65400	289500	104100	83910
87	Kinetin 9-riboside	C ₁₅ H ₁₇ N ₅ O ₅	347.326	1.03 Anthocyanins	"4338-47-0"	9230	10450	242200	15090	18080	201500
88	Glyceraldehyde 3-phosphate	C ₃ H ₇ O ₆ P	170.058	1.03 Carbohydrates	"142-10-9"	6735	43130	33170	6016	187200	59500
89	Guanidinoethyl Sulfonate	C ₇ H ₉ N ₃ O ₃ S	167.187	1.03 Organic Acids	"543-18-0"	12230	12401	7374	20150	10869	13360
90	Shikimic Acid	C ₇ H ₁₀ O ₅	174.15	1.038 Polyphenol	"138-59-0"	33840000	33690000	5797000	36240000	33750000	4238000
91	P-Coumaryl Alcohol	C ₉ H ₁₀ O ₂	150.174	1.04 Phenylpropanoids	"3690-05-9"	88670	338300	163300	114400	261900	255100
92	D-Erythrose 4-phosphate	C ₄ H ₉ O ₇ P	200.084	1.08 Carbohydrates	"585-18-2"	151500	68510	63640	249000	199300	59190
93	L(-)-Malic acid	C ₄ H ₆ O ₅	134.022	1.08 Organic Acids	"636-61-3"	103700000	68820000	40290000	117000000	151900000	95580000
94	Sucralose	C ₁₂ H ₁₉ Cl ₃ O ₈	397.634	1.1 Carbohydrates	"56038-13-2"	21100	8414	9628	12830	6135	11400
95	Fumaric Acid	C ₄ H ₄ O ₄	116.072	1.11 Organic Acids	"110-17-8"	3431000	2424000	1388000	4067000	4966000	3548000
96	8-Gingerol	C ₁₅ H ₃₂ O ₂₀	868.702	1.13 Polyphenol	"30462-35-2"	39740	27100	19560	36930	50960	29840
97	3-Hydroxybutyrate	C ₄ H ₈ O ₃	104.104	1.13 Organic Acids	"300-85-6"	2210000	2081000	1501000	2770000	5432000	5210000
98	Malonic acid	C ₃ H ₄ O ₄	104.011	1.19 Organic Acids	"141-82-2"	4126000	4031000	3003000	5194000	10200000	10200000

99	3-Hydroxypropanoic acid	C ₃ H ₆ O ₃	90.032	1.21 Organic Acids	"503-66-2"	165000	327900	414500	188700	462800	983300
100	Chrysin	C ₁₅ H ₁₀ O ₄	254.24	1.284 Flavones	"480-40-0"	80210	7014	19336	137200	5815	56441
101	D-threo-Isocitric acid	C ₆ H ₈ O ₇	192.124	1.41 Organic Acids	"6061-97-8"	41770000	17660000	11620000	38000000	53710000	35790000
102	D-Lactic acid	C ₃ H ₅ O ₃	90.08	1.44 Organic Acids	"10326-41-7"	84380	1855000	658000	52030	2804000	1029000
103	L-Citramalic acid	C ₅ H ₈ O ₅	148.037	1.46 Organic Acids	"6236-09-5"	1865000	661400	492900	2193000	1520000	1259000
104	Carvacrol	C ₁₀ H ₁₄ O	150.22	1.467 Terpenoids	"499-75-2"	8944	20280	46200	32565	20120	23970
105	D-Arabinono-1,4-lactone	C ₅ H ₈ O ₅	148.037	1.48 Carbohydrates	"2782-09-4"	1323000	1201000	357400	1933000	1722000	1066000
106	Lactic acid	C ₃ H ₆ O ₃	90.078	1.48 Organic Acids	"50-21-5"	1216000	25550000	9295000	711900	39610000	14730000
107	L-Lactic acid	C ₃ H ₆ O ₃	90.08	1.487 Organic Acids	"79-33-4"	63670	1322000	427200	36370	2170000	739600
108	2-furanoic acid	C ₅ H ₄ O ₃	112.084	1.49 Organic Acids	"88-14-2"	13310000	5873000	3772000	15000000	12800000	10910000
109	Isocitrate	C ₆ H ₈ O ₇	192.124	1.49 Organic Acids	"320-77-4"	162000000	68910000	48470000	198600000	164400000	134100000
110	Citric acid	C ₆ H ₈ O ₇	192.12	1.516 Organic Acids	"77-92-9"	119400000	53440000	34320000	143300000	122200000	88850000
111	D-Galacturonic acid	C ₆ H ₁₀ O ₇	194.139	1.56 Carbohydrates	"685-73-4"	3336000	1470000	1175000	3752000	3259000	2836000
112	cis-Aconitic acid	C ₆ H ₆ O ₆	174.11	1.766 Organic Acids	"585-84-2"	687400	3088000	225400	961800	2396000	3519000
113	Acetoxycetic acid	C ₄ H ₆ O ₄	118.027	1.89 Organic Acids	"13831-30-6"	7994	9545	6081	6769	28980	23360
114	Succinic acid	C ₄ H ₆ O ₄	118.09	1.936 Organic Acids	"110-15-6"	25550000	23860000	28640000	28360000	54380000	73860000
115	Methylmalonate	C ₄ H ₆ O ₄	118.09	1.938 Organic Acids	"516-05-2"	9117000	8341000	9609000	10960000	21520000	28760000
116	Citramalate	C ₆ H ₈ O ₅	148	2.04 Organic Acids	"2306-22-1"	390300	481100	369000	508700	1395000	1534000
117	Monotropein	C ₁₆ H ₂₂ O ₁₁	390.34	2.2 Terpenoids	"5945-50-6"	8552	4357	4059	15650	15600	29320
118	cis-4-Hydroxy-D-proline	C ₅ H ₉ NO ₃	131.13	2.26 Organic Acids	"2584-71-6"	102500	59190	6516	153300	64560	8547
119	1,6-Anhydro-beta-D-Glucopyranose	C ₆ H ₁₀ O ₅	162.141	2.3 Carbohydrates	"498-07-7"	702200	598300	627600	874600	1935000	2286000
120	Arbutin	C ₁₂ H ₁₆ O ₇	272.25	2.32 Carbohydrates	"497-76-7"	108800	277500	456300	114200	428000	951500
121	alpha-Arbutin	C ₁₂ H ₁₆ O ₇	272.25	2.33 Carbohydrates	"84380-01-8"	355900	988300	1719000	385900	1557000	3631000
122	beta-Hydroxyisobutyrate	C ₄ H ₈ O ₃	104.104	2.4 Organic Acids	"2068-83-9"	35890	112600	52690	34510	182100	122000
123	DI-3,4-Dihydroxymandelic acid	C ₈ H ₈ O ₅	184.037	2.41 Polyphenol	"775-01-9"	293800	488700	475700	328100	933900	1122000
124	10-Deacetylasperulosidic acid	C ₁₆ H ₂₂ O ₁₁	390.344	2.56 Terpenoids	"14259-55-3"	26290	21420	26040	27870	51780	75150
125	2-Methylsuccinic acid	C ₄ H ₈ O ₃	104.1	2.597 Organic Acids	"594-61-6"	125800	235500	208300	158100	534200	522000
126	Laricitrin	C ₁₆ H ₁₂ O ₈	332.262	2.6 Flavonols	"53472-37-0"	3083000	134200	116500	2736000	775800	39970
127	trans-2,3,4-Trimethoxycinnamic Acid	C ₁₂ H ₁₄ O ₅	238.237	2.65 Phenylpropanoids	"33130-03-9"	50717	16380	27180	50126	35010	67970
128	2-Hydroxybutyric acid	C ₄ H ₈ O ₃	104.1	2.741 Organic Acids	"600-15-7"	125900	1184000	874600	149300	1959000	633200
129	DI-Glyceraldehyde 3-phosphate	C ₃ H ₇ O ₆ P	169.998	2.76 Carbohydrates	"591-59-3"	50500000	279800000	347200000	57480000	406300000	553600000
130	Pyrogallol	C ₆ H ₆ O ₃	126.11	2.777 Polyphenol	"87-66-1"	18990000	117700000	138300000	22290000	158300000	233000000
131	Gallic acid	C ₇ H ₆ O ₅	170.12	2.78 Polyphenol	"149-91-7"	154000000	772900000	900100000	178000000	1020000000	1291000000
132	Levulinic acid	C ₅ H ₈ O ₃	116.12	3.489 Organic Acids	"123-76-2"	71270	33110	75250	129300	80310	242500
133	Guaiacol	C ₇ H ₈ O ₂	124.137	3.62 Polyphenol	"90-05-1"	752800	367500	1851000	1008000	876000	10530000
134	Kinsenoside	C ₁₀ H ₁₆ O ₈	264.229	3.93 Carbohydrates	"151870-74-5"	19770	6279	12942	24210	9414	23099
135	Homogentisic Acid	C ₈ H ₈ O ₄	168.15	4.059 Organic Acids	"451-13-8"	76370	217126	271025	133000	240600	422300
136	Diethyl phosphate	C ₄ H ₁₁ O ₄ P	154	4.2 Organic Acids	"598-02-7"	5615	16850	39330	3561	17880	180800
137	Androsin	C ₁₅ H ₂₀ O ₈	328.319	4.3 Polyphenol	"531-28-2"	96190	236100	36920	96560	72120	55730
138	3,5-Dihydroxybenzoic acid	C ₇ H ₆ O ₄	154.12	4.461 Benzoic acids	"99-10-5"	122100000	26400000	76960000	133900000	42100000	144000000
139	Danshensu	C ₉ H ₁₀ O ₅	198.17	4.473 Polyphenol	"76822-21-4"	16240	2552000	9447000	23120	7127000	17250000
140	(-)-Galocatechin	C ₁₅ H ₁₄ O ₇	306.267	4.51 Flavonoids	"3371-27-5"	32140	3639	36260	37520	57360	160800
141	Catalpol	C ₁₅ H ₂₂ O ₁₀	362.333	4.55 Terpenoids	"2415-24-9"	216300	72770	313500	195200	234783	498100
142	1-O-Gentisoyl-D-glucoside	C ₁₃ H ₁₆ O ₉	316.079	4.56 Polyphenol	"23445-11-6"	1601000	1668000	1415000	1823000	2783000	2483000
143	3-Aminosalicylic Acid	C ₇ H ₇ NO ₃	153.135	4.57 Organic Acids	"570-23-0"	227700	483100	241700	238400	266500	571600
144	Protocatechuic acid	C ₇ H ₆ O ₄	154.12	4.571 Polyphenol	"99-50-3"	221400000	50380000	134800000	242100000	74730000	245300000
145	Geniposidic acid	C ₁₆ H ₂₂ O ₁₀	374.34	4.615 Terpenoids	"27741-01-1"	111500	31580	18060	76235	24080	65270
146	2,4-Dihydroxybenzoic acid	C ₇ H ₆ O ₄	154.12	4.623 Organic Acids	"89-86-1"	18080000	3615000	10430000	20810000	5692000	21620000
147	1-O-Galloyl-D-glucose	C ₁₃ H ₁₆ O ₁₀	332.074	4.68 Polyphenol	"58511-73-2"	50290	620000	145700	154553	428200	421744

148	Koaburaside	C ₁₄ H ₂₀ O ₉	332.111	4.68 Polyphenol	"41653-73-0"	22750	1263000	227100	24510	614000	257000
149	Methyl salicylate-2-O-glucoside	C ₁₄ H ₁₈ O ₈	314.1	4.8 Polyphenol	"10019-60-0"	193645	42930	237100	278655	68870	508500
150	3-Hydroxy-glabrol	C ₂₅ H ₂₈ O ₅	40.499	4.82 Flavonoids	"74148-41-7"	110458	37780	12830	133062	96090	99310
151	Neochlorogenic acid	C ₁₆ H ₁₈ O ₉	354.309	4.879 Polyphenol	"906-33-2"	20620	9170	12763	28810	15396	30100
152	Mandelic acid	C ₈ H ₈ O ₃	152.047	4.91 Organic Acids	"17199-29-0"	340100	542800	255700	371000	489400	503500
153	2-Methylpentanedioic acid	C ₆ H ₁₀ O ₄	146.14	5.012 Organic Acids	"617-62-9"	49100	227700	208700	51860	367900	563700
154	Esculin	C ₁₅ H ₁₆ O ₉	340.28	5.145 Coumarins	"531-75-9"	145700	55880	27060	181100	90770	66160
155	Procyanidin B3	C ₃₀ H ₂₆ O ₁₂	578.142	5.15 Anthocyanins	"23567-23-9"	580451	130400	235800	977694	1051000	48550
156	Procyanidin B2	C ₃₀ H ₂₆ O ₁₂	578.529	5.16 Anthocyanins	"29106-49-8"	600913	180200	303700	955008	1117000	81750
157	Bergenin	C ₁₄ H ₁₆ O ₉	328.27	5.196 Phenylpropanoids	"477-90-7"	11366	12590	9945	14468	11987	17290
158	Cyanidin 3-O-glucoside	C ₂₁ H ₂₁ ClO ₁₁	484.84	5.21 Anthocyanins	"7084-24-4"	606000	488000	243100	760200	810400	425300
159	Idaein chloride	C ₂₁ H ₂₁ ClO ₁₁	484.84	5.213 Anthocyanins	"27661-36-5"	74562	49080	35173	80016	113800	62300
160	Petunidin-3-O-glucoside chloride	C ₂₂ H ₂₃ O ₁₂ Cl	514.865	5.282 Anthocyanins	"6988-81-4"	8488	3741	22380	5056	41830	43090
161	4-Hydroxy-3-methoxycinnamic acid	C ₁₀ H ₁₀ O ₄	194.0579	5.34 Phenylpropanoids	"537-98-4"	97690	112500	85170	110156	151800	176500
162	Sieboldin	C ₂₁ H ₂₄ O ₁₁	452.131	5.35 Flavonoids	"18777-73-6"	39830	25780	26203	32160	49285	64230
163	(+)-Catechin	C ₁₅ H ₁₄ O ₆	290.27	5.37 flavanol	"154-23-4"	121526	27690	15300	150911	129700	45681
164	Ophiopogonanone C	C ₁₉ H ₁₆ O ₇	356.332	5.38 Flavonoids	"477336-75-7"	11940	104400	66230	15840	146800	106300
165	2,5-Dihydroxybenzoic acid	C ₇ H ₆ O ₄	154.12	5.44 Benzoic acids	"490-79-9"	3205000	137800	1818000	4340000	510700	5509000
166	Cryptochlorogenic acid	C ₁₆ H ₁₈ O ₉	354.309	5.443 Polyphenol	"905-99-7"	197700	34281	32272	199900	66498	67180
167	1-Caffeoylquinic acid	C ₁₆ H ₁₈ O ₉	354.095	5.46 Polyphenol	"1241-87-8"	3669000	508200	183900	3598000	532300	5893000
168	2-(Formylamino)benzoic acid	C ₈ H ₇ NO ₃	165.043	5.47 Benzoic acids	"3342-77-6"	26900	18925	10977	29620	28311	28640
169	(2S)-2-Isopropylmalate	C ₇ H ₁₂ O ₅	176.068	5.52 Organic Acids	"49601-06-1"	459000	37920	190100	514300	134500	656100
170	Methyl gallate	C ₈ H ₈ O ₅	100.12	5.523 Benzoic acids	"99-24-1"	14270000	35370000	16070000	14860000	100900000	45860000
171	3-O-Feruloylquinic acid	C ₁₇ H ₂₀ O ₉	368.335	5.55 Polyphenol	"1899-29-2"	22790	48080	32051	46050	157900	20170
172	Warfarin Sodium	C ₁₉ H ₁₅ O ₄	330.31	5.56 Coumarins	"129-06-6"	74710	70070	27810	128500	75880	136500
173	Swertiamarin	C ₁₆ H ₂₂ O ₁₀	374.34	5.578 Terpenoids	"17388-39-5"	8409	71370	37100	39672	239500	31470
174	(R)-Mandelic acid	C ₈ H ₈ O ₃	152.147	5.661 Organic Acids	"611-71-2"	584968	121100	304900	907743	184400	1443000
175	Corilagin	C ₂₇ H ₂₂ O ₁₈	634.453	5.7 Polyphenol	"23094-69-1"	17540000	2033380	1526000	21610000	4881000	4721000
176	Dihydrokaempferol	C ₁₅ H ₁₂ O ₆	288.063	5.75 Flavonoids	"480-20-6"	243100	66520	81073	298400	155500	162900
177	Acetylharpagide	C ₁₇ H ₂₆ O ₁₁	406.38	5.783 Terpenoids	"6926-14-3"	20410	44220	23870	3610	273100	51530
178	Caffeic acid	C ₉ H ₈ O ₄	180.16	5.801 Phenylpropanoids	"331-39-5"	169400	5120000	21750000	113300	7394000	31140000
179	Terephthalic acid	C ₈ H ₆ O ₄	166.13	5.801 Benzoic acids	"100-21-0"	484000	32790000	28560000	401400	37720000	49120000
180	Esculetin	C ₉ H ₈ O ₄	178.14	5.832 Coumarins	"305-01-1"	12210	13540	16470	18280	6959	20640
181	Protosappanin B	C ₁₆ H ₁₆ O ₆	304.295	5.86 Polyphenol	"102036-29-3"	137130	250300	219800	55070	251500	440600
182	Epigallocatechin 3-gallate	C ₂₂ H ₁₈ O ₁₁	458.37	5.874 Polyphenol	"989-51-5"	41950	54096	20110	125800	190400	62160
183	1-O-b-D-glucopyranosyl sinapate	C ₁₇ H ₂₂ O ₁₀	386.351	5.88 Polyphenol	"78185-48-5"	92770	163600	39630	118300	176900	134700
184	(-)-Epicatechin	C ₁₅ H ₁₄ O ₆	290.27	5.9 flavanol	"490-46-0"	1961000	1470000	1270000	2204000	2788000	1384000
185	Vanillie acid	C ₈ H ₈ O ₄	168.15	5.901 Organic Acids	"121-34-6"	674000	424300	1839000	764700	792200	4385000
186	3-O-p-Coumaroylquinic acid	C ₁₆ H ₁₈ O ₈	338.1	5.92 Polyphenol	"87099-71-6"	32500000	278100	764400	28720000	720300	279500
187	4-O-p-Coumaroylquinic acid	C ₁₆ H ₁₈ O ₈	338.1	5.93 Polyphenol	"32451-86-8"	4349000	36360	105400	4908000	88630	33040
188	L-3-Phenyllactic Acid	C ₉ H ₁₀ O ₃	166.174	6.03 Phenylpropanoids	"20312-36-1"	41160	128700	78648	53940	193200	134803
189	Isoschaftoside	C ₂₆ H ₂₈ O ₁₄	564.499	6.03 Flavones	"52012-29-0"	925000	705300	211900	1070000	798200	261300
190	Homovanillic acid	C ₉ H ₁₀ O ₄	182.17	6.091 Organic Acids	"306-08-1"	35350	217205	453800	88750	241600	809900
191	Isovanillic acid	C ₈ H ₈ O ₄	168.15	6.1 Benzoic acids	"645-08-9"	1197000	977200	3896000	1548000	1613000	10220000
192	2,6-Dihydroxybenzoic acid	C ₇ H ₆ O ₄	154.12	6.13 Benzoic acids	"303-07-1"	1163000	685000	4824000	1460000	1212000	5984000
193	Quercetin 3-O-sophoroside	C ₂₇ H ₃₀ O ₁₇	626.524	6.13 Alkaloids	"18609-17-1"	128800	364400	152800	144400	339900	266500
194	2-Isopropylmalic acid	C ₇ H ₁₂ O ₅	176.167	6.13 Organic Acids	"3237-44-3"	13721	11265	12490	15500	4420	12060
195	Isoorientin	C ₂₁ H ₂₀ O ₁₁	448.38	6.174 Flavones	"4261-42-1"	161400	45300	25097	174600	309200	23660
196	2,3-Dihydroxybenzoic acid	C ₇ H ₆ O ₄	154.027	6.21 Benzoic acids	"303-38-8"	281600	238600	1657000	472300	418300	2416000

197	Secoisolariciresinol diglucoside	C ₃₂ H ₄₆ O ₁₆	686.7	6.224 Lignans	"148244-82-0"	15080	21640	8973	9563	14330	7775
198	E-3,4,5'-Trihydroxy-3'-glucopyranosylstilbene	C ₂₀ H ₂₂ O ₉	406.4	6.23 Phenylpropanoids	"29884-49-9"	62280	59440	54610	63983	84660	85360
199	Glucosylvitexin	C ₂₇ H ₃₀ O ₁₅	594.526	6.25 Flavonoids	"76135-82-5"	4127000	4753000	1320000	4417000	5085000	1668000
200	Cyanidin chloride	C ₁₅ H ₁₁ ClO ₆	322.7	6.263 Anthocyanins	"528-58-5"	57610	9719	29910	90890	107200	95613
201	Saponarin	C ₂₇ H ₃₀ O ₁₅	594.518	6.27 Flavonoids	"20310-89-8"	535700	589500	109700	613600	734900	170600
202	Plantamajoside	C ₂₉ H ₃₆ O ₁₆	640.587	6.35 Phenylpropanoids	"104777-68-6"	18810	6822	3462	17600	14310	20633
203	Rutin hydrate	C ₂₇ H ₃₀ O ₁₆ .xH ₂ O	610.52	6.36 Flavonoids	"207671-50-9"	16790000	34600000	26830000	16620000	69000000	35740000
204	Isohemiphloin	C ₂₁ H ₂₂ O ₁₀	434.121	6.39 Flavonones	"3682-02-8"	241200	95860	207900	234900	89990	119100
205	2-Hydroxyisocaproic Acid	C ₆ H ₁₂ O ₃	132.158	6.39 Organic Acids	"498-36-2"	15150	31560	81490	14040	62150	215800
206	Vitexin-2-O-rhamnoside	C ₂₇ H ₃₀ O ₁₄	578.52	6.411 Flavonoids	"64820-99-1"	292200	345200	103500	302700	526900	157500
207	Spinosin	C ₂₈ H ₃₂ O ₁₅	608.545	6.418 Flavones	"72063-39-9"	142462	249100	123940	168375	261300	190439
208	Neohesperidin dihydrochalcone	C ₂₈ H ₃₆ O ₁₅	612.576	6.43 Flavanones	"20702-77-6"	235300	513400	311300	222900	877800	467700
209	2-Hydroxycinnamate	C ₉ H ₈ O ₃	164.047	6.48 Phenylpropanoids	"583-17-5"	2496000	32180000	250300000	2403000	47890000	326700000
210	Rutin	C ₂₇ H ₃₀ O ₁₆	610.518	6.51 Flavones	"153-18-4"	42610000	29430000	68460000	37000000	58040000	130600000
211	(-)-Catechin Gallate	C ₂₂ H ₁₈ O ₁₀	442.379	6.51 Flavanol	"130405-40-2"	141400	438600	42400	117900	1838000	21220
212	Isomucronulatol-7-O-glucoside	C ₂₃ H ₂₈ O ₁₀	464.469	6.53 Flavonoids	"94367-43-8"	2058000	1769000	12660000	2025000	4093000	20490000
213	p-Hydroxy-cinnamic acid	C ₉ H ₈ O ₃	164.16	6.531 Phenylpropanoids	"7400-08-0"	2234000	21380000	176900000	2245000	30000000	241200000
214	Isovitexin	C ₂₁ H ₂₀ O ₁₀	432.378	6.533 Flavones	"29702-25-8"	1930000	169800	175200	2567000	241300	150900
215	Rosmarinic acid-3'-O-glucoside	C ₂₄ H ₂₆ O ₁₃	522.137	6.54 Polyphenol	"910028-78-3"	260300	1872000	485000	294000	1425000	952300
216	Ellagic acid	C ₁₄ H ₆ O ₈	302.19	6.54 Polyphenol	"476-66-4"	23230000	49960000	39540000	22510000	89740000	51590000
217	Epicatechin Gallate	C ₂₂ H ₁₈ O ₁₀	442.379	6.54 Flavonoids	"1257-08-5"	123700	361300	46490	103900	1332000	19880
218	Myricitrin	C ₂₁ H ₂₀ O ₁₂	464.38	6.547 Flavonols	"17912-87-7"	2062000	1987000	14950000	1934000	4458000	22510000
219	p-Coumaric Acid	C ₉ H ₈ O ₃	164.16	6.549 Phenylpropanoids	"501-98-4"	2347000	25940000	178000000	2403000	33690000	210800000
220	Kaempferol 3-O-robinobioside	C ₂₇ H ₃₀ O ₁₅	594.159	6.55 Flavonols	"17297-56-2"	11580000	11180000	23700000	11810000	27030000	47070000
221	Hyperoside	C ₂₁ H ₂₀ O ₁₂	464.38	6.554 Flavonols	"482-36-0"	1749000	1521000	11720000	1801000	3248000	18190000
222	Vitexin	C ₂₁ H ₂₀ O ₁₀	432.38	6.559 Flavones	"3681-93-4"	1704000	152700	178600	2232000	231000	181000
223	Icariside E5	C ₂₆ H ₃₄ O ₁₁	522.21	6.56 Phenylpropanoids	"126176-79-2"	170100	1128000	507300	213500	1362000	701300
224	Lariciresinol-4'-O-glucoside	C ₂₆ H ₃₄ O ₁₁	522.211	6.56 Lignans	"143663-00-7"	213500	1208000	420000	278300	1311000	630100
225	Tricin O-saccharic acid	C ₂₃ H ₂₂ O ₁₄	522.1	6.58 Flavonoids		1204000	8197000	2834000	1336000	8167000	3972000
226	Rehmannioside D	C ₂₇ H ₄₂ O ₂₀	686.6177	6.58 Terpenoids	"81720-08-3"	21550	2432	5440	50190	11500	19802
227	Somellarin	C ₂₁ H ₁₈ O ₁₂	462.36	6.59 Flavonoids	"27740-01-8"	67480	6168	85360	50390	23750	108400
228	Isotrifoloin	C ₂₁ H ₂₀ O ₁₂	464.096	6.59 Flavonoids	"21637-25-2"	3324000	2778000	20740000	2722000	6343000	32430000
229	Spiraeoside	C ₂₁ H ₂₀ O ₁₂	464.096	6.59 Flavonoids	"20229-56-5"	3310000	3105000	22160000	3138000	6637000	34230000
230	Isoquercitrin	C ₂₁ H ₂₀ O ₁₂	464.38	6.596 Flavonols	"482-35-9"	4085000	4378000	29170000	3704000	9518000	45500000
231	Ethyl gallate	C ₉ H ₁₀ O ₅	198.17	6.611 Benzoic acids	"831-61-8"	291400	9340000	207700	340700	23550000	456900
232	Trifolin	C ₂₁ H ₂₀ O ₁₁	448.101	6.62 Flavonoids	"23627-87-4"	979100	1131000	54980000	1150000	1430000	67890000
233	1-Hydroxypinoresinol-1-O-Glucoside	C ₂₆ H ₃₂ O ₁₂	536.189	6.62 Lignans	"81495-71-8"	32780	51980	23610	35260	128100	47340
234	Kaempferitrin	C ₂₇ H ₃₀ O ₁₄	578.519	6.641 Flavonols	"482-38-2"	35137	105609	215900	6981	127880	359800
235	Octanedioic acid	C ₈ H ₁₄ O ₄	174.19	6.649 Organic Acids	"505-48-6"	708500	515200	6398000	879100	780000	18480000
236	Kaempferol7-O-beta-D-glucopyranoside	C ₂₁ H ₂₀ O ₁₁	448.377	6.65 Flavonols	"16290-07-6"	775400	597300	61670000	853700	823000	69220000
237	Luteolin 7-O-glucoside	C ₂₁ H ₂₀ O ₁₁	448.38	6.664 Flavonoids	"5373-11-5"	1103000	1307000	60150000	1155000	1821000	72220000
238	Apigenin 5-O-glucoside	C ₂₁ H ₂₀ O ₁₀	432.38	6.68 Flavonoids	"28757-27-9"	60060	18538	26350	98040	40470	47700
239	Kaji-ichigoside F1	C ₃₆ H ₅₈ O ₁₀	650.85	6.71 Terpenoids	"95298-47-8"	454500	16800	220600	419500	63080	91660
240	Lonicerin	C ₂₇ H ₃₀ O ₁₅	594.526	6.73 Flavonoids	"20633-84-5"	14130000	11480000	26080000	12810000	28070000	47600000
241	Hydroferulic acid	C ₁₀ H ₁₂ O ₄	196.2	6.74 Phenylpropanoids	"1135-23-5"	972400	272000	468700	1764000	561700	297928
242	Astilbin	C ₂₁ H ₂₂ O ₁₁	450.39	6.745 Flavonoids	"29838-67-3"	88860	15380	235400	71260	46260	179400
243	Wikstromol	C ₂₀ H ₂₂ O ₇	374.39	6.78 Lignans	"61521-74-2"	119181	27928	57080	163085	23930	105700
244	Sesamol	C ₇ H ₆ O ₃	138.12	6.79 Polyphenol	"533-31-3"	9482	4241	35260	7511	17267	54690
245	Isorhamnetin-3-O-neohesperidoside	C ₂₈ H ₃₂ O ₁₆	624.552	6.79 Flavonoids	"55033-90-4"	69610	51460	76050	63150	157100	104200

246	3-Phenyllactic acid	C ₉ H ₁₀ O ₃	166.174	6.81 Organic Acids	"828-01-3"	991100	60500	243400	1395000	154900	753900
247	Narirutin	C ₂₇ H ₃₂ O ₁₄	580.535	6.837 Flavonones	"14259-46-2"	119300	38480	10380	42060	60500	68138
248	Tectoridin	C ₂₂ H ₂₂ O ₁₁	462.4	6.864 Isoflavonoids	"611-40-5"	162300	44440	136800	173700	117900	195200
249	Antiarol	C ₉ H ₁₂ O ₄	184.19	6.88 Polyphenol	"642-71-7"	216100	7677	47382	245800	9756	100457
250	Ferulic Acid	C ₁₀ H ₁₀ O ₄	194.19	6.881 Polyphenol	"1135-24-6"	444500	3451000	27500000	517000	3084000	50170000
251	Taxifolin	C ₁₅ H ₁₂ O ₇	304.25	6.885 Flavonoids	"480-18-2"	393100	363500	415200	554600	1260000	653800
252	Pelargonidin chloride	C ₁₅ H ₁₁ ClO ₅	306.7	6.91 Anthocyanins	"134-04-3"	19350	121100	121400	124454	889600	24990
253	Pheophorbide A	C ₃₅ H ₃₆ NaO ₅	592.684	6.93 Organic Acids	"15664-29-6"	35770	12960	24080	39630	11660	25940
254	Rhapontin	C ₂₁ H ₂₄ O ₉	420.41	6.94 Phenylpropanoids	"155-58-8"	105550	73600	46700	121487	73280	115000
255	Lirioresinol A	C ₂₂ H ₂₆ O ₈	418.162	6.96 Lignans	"21453-71-4"	20640	292300	63650	30880	82660	96970
256	Methyl protocatechuate	C ₈ H ₈ O ₄	168.15	6.97 Benzoic acids	"2150-43-8"	1020000	2064000	687900	1531000	3701000	1925000
257	Vincetoxicoside B	C ₂₁ H ₂₀ O ₁₁	448.383	6.97 Flavonoids	"22007-72-3"	1271000	375100	4226000	962700	792000	3171000
258	Naringin	C ₂₇ H ₃₂ O ₁₄	580.53	6.979 Flavonones	"10236-47-2"	101400	35920	29000	61270	33320	61860
259	3-Hydroxycinnamic acid	C ₉ H ₈ O ₃	164.16	6.98 Phenylpropanoids	"14755-02-3"	5011710	3829000	25750000	5258400	12403800	67800000
260	Liquiritin	C ₂₁ H ₂₂ O ₉	418.39	6.98 Flavonones	"551-15-5"	164877	13710	123600	207717	14070	247100
261	Piceatannol	C ₁₄ H ₁₂ O ₄	244.24	6.987 Phenylpropanoids	"10083-24-6"	57517	44580	56540	79769	120300	174200
262	Coniferyl Alcohol	C ₁₀ H ₁₂ O ₃	180.2	7.05 Polyphenol	"458-35-5"	41910	34510	70070	41550	86450	173600
263	Pinobanksin	C ₁₅ H ₁₂ O ₅	272.069	7.06 Flavonoids	"548-82-3"	387000	16910	146200	503200	58690	139100
264	Kaempferol 3-A-L-Arabinopyranoside	C ₂₀ H ₁₈ O ₁₀	418.351	7.08 Flavonoids	"99882-10-7"	46390	42790	844000	22870	66490	1216000
265	Engeletin	C ₂₁ H ₂₂ O ₁₀	434.393	7.149 Flavonoids	"572-31-6"	251100	18740	62850	396500	62170	47820
266	Theaflavin	C ₂₀ H ₂₄ O ₁₂	564.502	7.16 Flavonoids	"4670-05-7"	42258	34260	34942	11360	18740	64240
267	(+)-Isolariciresinol	C ₂₀ H ₂₄ O ₆	360.407	7.21 Lignans	"548-29-8"	22660	14206	31170	63470	6717	23340
268	Pinoresinol-glucoside	C ₂₆ H ₃₂ O ₁₁	520.526	7.23 Lignans	"69251-96-3"	135403	47420	159900	162099	63540	227600
269	Quercitrin	C ₂₁ H ₂₀ O ₁₁	448.38	7.24 Flavonols	"522-12-3"	2899000	792400	9078000	2602000	1549000	6855000
270	Phlorizin	C ₂₁ H ₂₄ O ₁₀	436.41	7.24 Flavonoids	"60-81-1"	33094	118700	88740	25750	172200	64190
271	Coniferylaldehyde	C ₁₀ H ₁₀ O ₃	178.063	7.29 Polyphenol	"20649-42-7"	325200	51840	478700	442000	35520	2050000
272	alpha-Zearalanol	C ₁₈ H ₂₆ O ₃	322.396	7.3 Phenylpropanoids	"26538-44-3"	296500	333417	343300	307300	627100	511800
273	Azaleatin	C ₁₆ H ₁₂ O ₇	316.265	7.3 Flavonols	"529-51-1"	1839000	122800	934800	1805000	238800	1941000
274	Ayapin	C ₁₁ H ₈ O ₅	188.041	7.3 Coumarins	"494-56-4"	2112000	743500	12310000	2788000	1323000	28840000
275	Eucommiol	C ₉ H ₁₆ O ₄	188.105	7.31 Terpenoids	"55930-44-4"	8314000	3603000	36460000	10450000	5925000	70930000
276	Gossypetin	C ₁₅ H ₁₀ O ₈	318.24	7.34 Flavonols	"489-35-0"	409500	41580	96270	437200	57650	95290
277	Myricetin	C ₁₅ H ₁₀ O ₈	318.24	7.34 Flavonols	"529-44-2"	553600	71410	207400	647800	142100	253500
278	Kaempferin	C ₂₁ H ₂₀ O ₁₀	432.106	7.35 Flavonoids	"482-39-3"	473700	88210	539900	389300	262700	471200
279	Kaempferol 7-O-rhamnoside	C ₂₁ H ₂₀ O ₁₀	432.106	7.36 Flavonols	"20196-89-8"	567300	100500	722000	462700	321700	582000
280	Matairesinoside	C ₂₆ H ₃₂ O ₁₁	520.533	7.38 Lignans	"23202-85-9"	8651	30760	69730	21510	98910	217500
281	Ginsenoside Re	C ₄₈ H ₈₂ O ₁₈	947.15	7.43 Terpenoids	"52286-59-6"	13481	5395	7385	14510	5866	27390
282	8-O-Methylretusin	C ₁₇ H ₁₄ O ₅	298.295	7.49 Isoflavonoids	"37816-20-9"	5332	11043	5637	3942	13452	40030
283	Trilobatin	C ₂₁ H ₂₄ O ₁₀	436.409	7.523 Dihydrochalcones	"4192-90-9"	99715	80560	63730	96491	122300	50970
284	Methyl-Hesperidin	C ₂₉ H ₃₈ O ₁₆	642.59	7.569 Flavonoids	"11013-97-1"	262200	58914	67416	260900	82168	174383
285	Baicalin	C ₂₁ H ₁₈ O ₁₁	446.36	7.575 Flavones	"21967-41-9"	20420	8067	8598	22370	7487	8608
286	Veratric acid	C ₉ H ₁₀ O ₄	182.17	7.65 Benzoic acids	"93-07-2"	6137	2573	6641	16850	15620	5827
287	Isovanillin	C ₈ H ₈ O ₃	152.15	7.676 Polyphenol	"621-59-0"	66560	65420	48350	65860	725500	87010
288	Tiliroside	C ₃₀ H ₂₆ O ₁₃	594.52	7.879 Flavonols	"20316-62-5"	14950000	233200	321900	15320000	163600	135300
289	Trifolirhizin	C ₂₂ H ₂₂ O ₁₀	446.404	7.98 Isoflavonoids	"6807-83-6"	2309	8029	6528	5576	24160	4483
290	Eriodictyol	C ₁₅ H ₁₂ O ₆	288.252	7.999 Flavonones	"552-58-9"	639800	38480	41370	760200	49850	49160
291	2'-Hydroxygenistein	C ₁₅ H ₁₂ O ₆	286.048	8.02 Isoflavonoids	"1156-78-1"	58570	23546	29167	86530	47538	96310
292	Poncirin	C ₂₈ H ₃₄ O ₁₄	594.561	8.049 Flavonones	"14941-08-3"	8054000	337500	251500	8353000	135400	67340
293	Morin	C ₁₅ H ₁₀ O ₇	302.043	8.05 Flavonoids	"6472-38-4"	203500000	6062000	34590000	207700000	42810000	45990000
294	Luteolin	C ₁₅ H ₁₀ O ₆	286.24	8.06 Flavones	"491-70-3"	182500	24670	25920	260000	40370	275800

295	Aleuritic Acid	C ₁₆ H ₃₂ O ₅	304.42	8.09 Organic Acids	"533-87-9"	260500	6989	602400	364800	26990	1442000
296	Harpagoside	C ₂₄ H ₃₀ O ₁₁	494.488	8.099 Terpenoids	"19210-12-9"	271100	60450	163000	274900	251200	291900
297	Sebacic acid	C ₁₀ H ₁₈ O ₄	202.248	8.111 Organic Acids	"111-20-6"	2472000	1473000	12000000	3111000	2709000	32190000
298	Wedelolactone	C ₁₆ H ₁₀ O ₇	314.246	8.229 Flavonoids	"524-12-9"	127907	17170	30830	106731	69020	40717
299	Wogonoside	C ₂₂ H ₂₀ O ₁₁	460.388	8.26 Flavonoids	"51059-44-0"	2841	9384	5150	7740	18570	15627
300	Ethyl caffeate	C ₁₁ H ₁₂ O ₄	208.211	8.507 Phenylpropanoids	"102-37-4"	10792	2717	2034	3166	54230	2985
301	trans-Cinnamic acid	C ₉ H ₈ O ₂	148.16	8.507 Phenylpropanoids	"140-10-3"	8504	7054	4195	9573	7890	5668
302	Naringenin chalcone	C ₁₅ H ₁₂ O ₅	272.253	8.518 Chalcones	"73692-50-9"	5067000	303800	392400	5591000	647200	292900
303	4-Methoxycinnamic acid	C ₁₀ H ₁₀ O ₃	178	8.56 Phenylpropanoids	"830-09-1"	50250	16540	519800	38720	1088000	1480000
304	Butin	C ₁₅ H ₁₂ O ₅	272.069	8.61 Flavanones	"492-14-8"	3180000	198900	279700	3401000	440900	211000
305	5,6-Dehydroginsenoside Rd	C ₄₈ H ₈₀ O ₁₈	945.152	8.61 Terpenoids	"1268459-68-2"	13750	28850	6934	5526	63000	10290
306	Ginsenoside Rb1	C ₅₄ H ₉₂ O ₂₃	1109.295	8.63 Terpenoids	"41753-43-9"	52090	14880	17064	47590	35530	53971
307	Naringenin	C ₁₅ H ₁₂ O ₅	272.25	8.683 Flavanones	"480-41-1"	1140000	64380	92490	1209000	147700	83540
308	Apigenin	C ₁₅ H ₁₀ O ₅	270.24	8.7 Flavones	"520-36-5"	396700	30440	28520	489700	74450	41720
309	Ethylparaben	C ₉ H ₁₀ O ₃	166.17	8.703 Polyphenol	"120-47-8"	16160	29470	7311	34270	363300	8252
310	Genistein	C ₁₅ H ₁₀ O ₅	270.24	8.72 Isoflavonoids	"446-72-0"	119400	1947	19436	95620	6499	51449
311	Methyl 4-hydroxycinnamate	C ₁₀ H ₁₀ O ₃	178.18	8.76 Phenylpropanoids	"19367-38-5"	317600	119500	3151000	289200	6653000	7004000
312	Croctein	C ₂₀ H ₂₄ O ₄	328.408	8.79 Terpenoids	"27876-94-4"	172590	45780	74550	232147	15750	357800
313	Kaempferol	C ₁₅ H ₁₀ O ₆	286.24	8.811 Flavonols	"520-18-3"	12560000	290100	2681000	13170000	2052000	3843000
314	7-O-Methylioriodyl	C ₁₆ H ₁₄ O ₆	302.079	8.86 Flavonoids	"51857-11-5"	89360	8616	15180	99050	24770	29630
315	Ginsenoside-Ro	C ₄₈ H ₇₆ O ₁₉	957.119	8.86 Terpenoids	"34367-04-9"	143600	270100	46800	124200	865300	201000
316	Diosmetin	C ₁₆ H ₁₂ O ₆	300.26	8.911 Flavones	"520-34-3"	556700	49230	39570	643800	75770	56620
317	Gardenoside	C ₁₇ H ₂₄ O ₁₁	404.366	8.92 Terpenoids	"24512-62-7"	89125	15880	26170	105422	29694	140300
318	Isorhamnetin	C ₁₆ H ₁₂ O ₇	316.262	8.969 Flavonols	"480-19-3"	606500	4657	66010	703000	24690	71630
319	Picropodophyllin	C ₂₂ H ₂₂ O ₈	414.41	9.16 Lignans	"477-47-4"	6884	7386	6111	3755	2470	12966
320	4-Chloro-2-hydroxybenzoic acid, 4-chloro salicylic acid	C ₇ H ₅ ClO ₃	172.57	9.167 Benzoic acids	"5106-98-9"	96405	11210	31850	120301	14480	120300
321	Steviolbioside	C ₃₂ H ₅₀ O ₁₃	642.732	9.17 Terpenoids	"41093-60-1"	64460	17771	1425	90650	28720	19760
322	Ginsenoside Rd	C ₄₈ H ₈₂ O ₁₈	947.154	9.33 Terpenoids	"52705-93-8"	6865	22110	5013	16978	9496	4825
323	Chikusetsusponin Iva	C ₄₂ H ₆₆ O ₁₄	794.977	9.34 Terpenoids	"51415-02-2"	17080	2380	3192	21120	10120	12030
324	p-Coumaric acid ethyl ester	C ₁₁ H ₁₂ O ₃	192.21	9.387 Phenylpropanoids	"7362-39-2"	10070	36353	7219	15130	123000	18630
325	Aurantio-obtusin	C ₁₇ H ₁₄ O ₇	330.289	9.734 Quinones	"67979-25-3"	270200	23630	388100	306500	20690	971900
326	Ethyl ferulate	C ₁₂ H ₁₄ O ₄	222.24	9.8 Phenylpropanoids	"4046-02-0"	2184	9348	3746	4696	28930	14520
327	Orcinol glucoside	C ₁₃ H ₁₈ O ₇	286.28	9.914 Polyphenol	"21082-33-7"	864300	4264000	1909000	833600	6275000	3134000