

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Glycyrrhiza uralensis

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	APIOGLYCYRRHIZIN	Root	--	100	-1	
1	ARABOGLYCYRRHIZIN	Root	--	600	1	
2	ARSENIC	Root	0.29	0.3	-0.19476716146558964	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
7	ASTRAGALIN	Leaf	--	16	-1	
47	BETA-SITOSTEROL	Root	--	--		
22	BETULINIC-ACID	Root	--	--		
28	CALCIUM	Root	6850	23500	1.7629333825366154	
12	COPPER	Root	13	14	0.25236706334497194	
1	ECHINATIN	Tissue Culture	--	--		
1	ECHINATIN	Sprout Seedling	--	--		
1	ECHINATIN	Root	--	--		
16	FORMONONETIN	Sprout Seedling	--	25		
16	FORMONONETIN	Root	--	--		
16	FORMONONETIN	Shoot	--	3		
7	GLUCOSE	Root	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
4	GLUCURONIC-ACID	Root	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
5	GLYCYCOUMARIN	Root	1600	1750	1	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	GLYCYCOUMARIN	Rhizome	10	1380		
29	GLYCYRRHETIC-ACID	Root	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
32	GLYCYRRHETINIC-ACID	Root	--	--		
57	GLYCYRRHIZIN	Rhizome	2000	81670	1.3590702651662159	
57	GLYCYRRHIZIN	Plant	--	--		
57	GLYCYRRHIZIN	Root	11200	84000	-0.541917250519363	
57	GLYCYRRHIZIN	Stem	--	--		
57	GLYCYRRHIZIN	Leaf	--	--		
6	IRON	Root	180	280	-0.03487186873025288	
2	ISOBAVACHALCONE	Sprout Seedling	--	0.8		
2	ISOLICOFLAVONOL	Rhizome	--	10		
28	ISOLIQUIRITIGENIN	Root	100	1050	-1	
28	ISOLIQUIRITIGENIN	Rhizome	60	20000	1	
28	ISOLIQUIRITIGENIN	Sprout Seedling	--	--		
6	ISOLIQUIRITIN	Root	120	4000	1	
6	ISOLIQUIRITIN	Rhizome	800	23280	1	
22	ISOQUERCITRIN	Leaf	--	21	-0.4483403259065055	
2	LICOBENZOFURAN	Root	--	--		
28	LICOCHALCONE-A	Rhizome	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	LICOCHALCONE-A	Root	--	--		
2	LICOCHALCONE-B	Root	--	--		
4	LICOCOUMARONE	Rhizome	19	400		
4	LICOCOUMARONE	Root	--	900		
4	LICOISOFLAVONE-A	Root	--	--		
7	LICOPYRANOCOUMARIN	Root	--	500		
1	LICORICIDIN	Root	--	11		
12	LIQUIRITIGENIN	Sprout Seedling	--	--		
12	LIQUIRITIGENIN	Root	--	70000	1	
12	LIQUIRITIGENIN	Rhizome	30	1210		
3	LIQUIRITIN	Root	120	300000	1	
3	LIQUIRITIN	Rhizome	7900	36490	1	
65	MAGNESIUM	Root	3690	5070	1.3347601821303892	
14	MANGANESE	Root	13	26	-0.23540916682251556	
18	MANNITOL	Root	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
2	N-HEXACOSANE	Root	--	--		
56	NARINGENIN	Root	--	--		
1	NEOISOLIQUIRITIN	Root	--	200		
1	NEOLIQUIRITIN	Root	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	ONONIN	Root	200	6000	1.413063343101065	
13	P-HYDROXY-BENZOIC-ACID	Sprout Seedling	--	0.5		
14	POTASSIUM	Root	2500	3140	-0.9254550611631442	
176	QUERCETIN	Leaf	--	7	-0.3519175096210679	
1	QUERCETIN-3,3'-DIMETHYLETHER	Leaf	--	48		
87	RUTIN	Leaf	--	53	-1.0012547705959014	
5	SAPONINS	Root	60000	140000	1.7378627114836418	Chemical Constituents of Oriental Herbs (3 diff. books)
44	SCOPOLETIN	Shoot	--	2		
1	SIGMOIDIN-B	Shoot	--	7		
1	SODIUM	Root	323	1340	0.11115161273729743	
14	SUCROSE	Root	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
77	ZINC	Root	11	13	-0.489576115410352	