

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Sophora japonica*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
176	QUERCETIN	Plant				--
112	ASCORBIC-ACID	Leaf		470.0	-0.4003100860032428	--
102	CAFFEIC-ACID	Plant				--
87	RUTIN	Flower	128000.0	140000.0	1.420796655532866	--
87	RUTIN	Bud	176000.0	229000.0		--
87	RUTIN	Leaf	0.0	40000.0	1.4787448772804912	--
87	RUTIN	Fruit	0.0	25000.0	2.1904049980260094	--
81	GENISTEIN	Plant				--
75	KAEMPFEROL	Plant				--
61	FERULIC-ACID	Plant				--
47	BETA-SITOSTEROL	Plant				--
32	BIOCHANIN-A	Plant				--
28	CALCIUM	Seed		2649.0	-0.27501282818551565	--
27	LINOLEIC-ACID	Seed	36570.0	64130.0	-0.36836140891467545	--
25	P-COUMARIC-ACID	Plant				--
21	MATRINE	Seed				--
18	OLEIC-ACID	Seed	15385.0	26980.0	-0.7573087701987736	--
15	FIBER	Seed		99000.0	-0.2825156947289888	--
14	POTASSIUM	Seed		10660.0	-0.16797692091799815	--
13	BETULIN	Flower				--
10	CYTISINE	Seed				--
9	SINAPIC-ACID	Plant				--
4	PHOSPHORUS	Seed		2723.0	-0.6950946174838608	--
3	SOPHORICOSIDE	Fruit		20000.0		--
2	SOPHOCARPINE	Plant				--
2	MAACKIAIN	Root				--
1	PRATENSEIN	Wood				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	L-MAACKIAIN	Root				--
0	IRISOLIDINE-7-O-GLUCOSIDE	Plant				--
0	SOPHORADIOL	Flower				--
0	CARBOHYDRATES	Seed		668000.0	0.5746605245665346	--
0	5,7-DIHYDROXY-3',4'-METHYLENEDIOXYISOFLAVONE	Root				--
0	IRISOLIDINE	Wood				--
0	SOPHORABIOSIDE	Fruit		800.0		--
0	NEOHESPERIDOSE	Fruit				--
0	5,7,4'-TRIHYDROXY-ISOFLAVONE-4'-BETA-NEOHESPERIDOSIDE	Fruit				--
0	SOPHORABIOSE	Fruit				--
0	GENISTEIN-4'-O-NEOHESPERIDOSIDE	Fruit				--
0	QUERCETRIN	Plant				--
0	N-METHYL-CYTISINE	Seed				--
0	(D,L)-MAACKIAIN	Root				--
0	SOPHOJAPONICIN	Root				--
0	GENISTEIN-4'-O-GLUCOSIDE	Fruit				--
0	BIOCHANIN-A-7-BETA-D-GENTIOBIOSIDE	Wood				--
0	(+)-MEDICARPIN	Plant				--
0	PTEROCARPANE	Root				--
0	BIOCHANIN-A-7-(BETA-D-XYLOSYL(1-6)-BETA-D-GLUCOSIDE)	Wood				--
0	SOPHOCARNINE	Seed				--
0	GALACTOMANNAN	Seed				--
0	PROTEIN	Seed	172000.0	230000.0	-0.033767986527019435	--
0	LINOLENIC-ACID	Seed	8280.0	14520.0	-0.326378934533903	--
0	SOPHAROL	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	PROTEIN	Leaf		182000.0	-0.2977332046453177	--
0	STIZOLAMINE	Seed				--
0	SISSOTRIN	Wood				--
0	SOPHORIN	Fruit				--
0	FAT	Seed	69000.0	121000.0	-0.7605410903903489	--
0	ASH	Seed		39000.0	-0.26709277199518927	--
0	KAEMPFEROL-C-GLYCOSIDE	Plant				--
0	D-MAACKIAIN	Root				--
0	SOPHORAFLAVONOSIDE	Fruit		6000.0		--
0	AMHYDROPISATIN	Root				--