

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in Sophora japonica

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
112	ASCORBIC-ACID	Leaf	470	470	-0.4003100860032428	
47	BETA-SITOSTEROL	Plant	--	--		
13	BETULIN	Flower	--	--		
32	BIOCHANIN-A	Plant	--	--		
102	CAFFEIC-ACID	Plant	--	--		
28	CALCIUM	Seed	2649	2649	-0.27501282818551565	
10	CYTISINE	Seed	--	--		
61	FERULIC-ACID	Plant	--	--		
15	FIBER	Seed	99000	99000	-0.2825156947289888	
81	GENISTEIN	Plant	--	--		
75	KAEMPFEROL	Plant	--	--		
1	L-MAACKIAIN	Root	--	--		
27	LINOLEIC-ACID	Seed	36570	64130	-0.36836140891467545	
2	MAACKIAIN	Root	--	--		
21	MATRINE	Seed	--	--		
18	OLEIC-ACID	Seed	15385	26980	-0.7573087701987736	
25	P-COUMARIC-ACID	Plant	--	--		
4	PHOSPHORUS	Seed	2723	2723	-0.6950946174838608	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
14	POTASSIUM	Seed	10660	10660	-0.16797692091799815	
1	PRATENSEIN	Wood	--	--		
176	QUERCETIN	Plant	--	--		
87	RUTIN	Leaf	--	40000	1.4787448772804912	
87	RUTIN	Bud	176000	229000		
87	RUTIN	Flower	128000	140000	1.420796655532866	
87	RUTIN	Fruit	--	25000	2.1904049980260094	
9	SINAPIC-ACID	Plant	--	--		
2	SOPHOCARPINE	Plant	--	--		
3	SOPHORICOSIDE	Fruit	20000	20000		