

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Gleditsia triacanthos*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
30	(+)-CATECHIN	Fruit				--
0	(-)-EPICATECHIN-3-GLUCOSIDE	Fruit				--
0	5-(3,4-DIHYDROXYCINNAMOYL)-(-)-QUINIC-ACID	Shoot				--
0	7,3',4',5'-TETRAHYDROXYISOFLAVANOL	Seed				--
16	ACETIC-ACID	Seed				--
0	ACRAMMERIN	Leaf				--
0	ALKALOID	Flower		2000.0		--
0	ASH	Seed	38000.0	40000.0	-0.237015142030922	--
0	ASH	Fruit		54000.0	-0.06897899594447202	--
28	CALCIUM	Seed		2800.0	-0.24728047804172457	--
0	CARBOHYDRATES	Seed		847000.0	1.2860426870947494	--
0	CARBOHYDRATES	Fruit	669000.0	969000.0	0.9952703161805533	--
1	DIHYDROXY-4-METHOXY-ISOFLAVONE	Fruit				--
0	DIHYDROXYSTEARIC-ACID	Seed				--
0	EPICATECHIN-3-GLUCOSIDE	Fruit				--
0	EPICATECHOL-3-D-GLUCOSIDE-DIHYDRATE	Seed		19000.0		--
0	FAT	Seed	8000.0	30000.0	-1.2398706410167792	--
0	FAT	Fruit		46000.0	-0.2899077898969177	--
15	FIBER	Seed		211000.0	0.6018554339509172	--
15	FIBER	Fruit		127000.0	-0.13849338804141959	--
15	FISETIN	Wood				--
5	FUSTIN	Wood				--
1	GALACTOSE	Seed				--
0	GLEDITSCHIOSIDES	Plant				--
7	GLUCOSE	Fruit	39000.0	44400.0	-0.42386911810538763	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
4	GLUCURONIC-ACID	Resin, Exudate, Sap				--
2	HYPOXYSIN	Leaf				--
1	LEUCOCYANIDIN	Fruit				--
0	MANNOGALACTAN	Seed				--
3	MANNOSE	Seed				--
0	N-METHYL-BETA-PHENYLETHYLAMINE	Leaf				--
0	OLMELIN	Leaf				--
0	PHLOBAPHENE	Seed				--
4	PHOSPHORUS	Seed		3200.0	-0.569043066215292	--
0	PROTEIN	Seed		210000.0	-0.21167834408782432	--
0	PROTEIN	Fruit		231000.0	1.6287799051789742	--
0	QUERCETIN-DIGLUCOSIDE	Fruit				--
0	SATIVIC-ACID	Seed				--
35	TANNIN	Leaf				--
0	TETRAHYDROXYSTEARIC-ACID	Seed				--
0	TOCOPHEROLS	Seed		40.0	-0.700649941717313	--
0	TRIACANTHINE	Leaf		5000.0		--
0	TRIACANTHOSIDES	Plant				--
11	TYRAMINE	Leaf				--