

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Acacia nilotica*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	PROTEIN	Seed	136000.0	452000.0	1.9410369823979152	--
35	TANNIN	Fruit		349500.0	2.460165206941449	--
35	TANNIN	Resin, Exudate, Sap	170000.0	200000.0	-0.6588112916807376	--
15	FIBER	Seed	25000.0	166000.0	0.24652774832059782	--
0	FAT	Seed	35000.0	115000.0	-0.7921452365854982	--
35	TANNIN	Seed		66100.0	-0.17202297185321858	--
35	TANNIN	Wood		63500.0	0.39532807016866817	--
0	ASH	Seed	40000.0	54000.0	0.18407167746881994	--
35	TANNIN	Bark		27100.0	-0.9971131037044363	--
51	ELLAGIC-ACID	Bark				--
0	3-QUINOLYL-ACID	Plant				--
23	PYROGALLOL	Plant				--
30	(+)-CATECHIN	Plant				--
0	XANTHURENIC-ACID	Plant				--
18	OLEIC-ACID	Plant				--
65	MAGNESIUM	Plant				--
13	BETULIN	Root Bark				Jim Duke's personal files.
22	ISOQUERCITRIN	Plant				--
5	ALUMINUM	Plant				--
4	SILICON	Plant				--
4	DIGITONIN	Plant				--
0	3-O-BETA-L-ARABINOPYRANOSYL-L-ARABINOSE	Resin, Exudate, Sap				--
43	PROTOCATECHUIC-ACID	Fruit				--
0	URONIC-ACID	Plant				--
0	M-DIGALLIC-ACID	Bark				--
13	BETULIN	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
1	INDOLE-ACETIC-ACID	Plant				--
0	ALPHA-SITOSTEROL	Plant				--
0	SAPONIN	Plant				--
0	DICATECHOL	Plant				--
0	3',4',7- TRIHYDROXYFLAVAN-3,4- DIOL	Fruit				--
31	THIAMIN	Plant				--
0	M-AMINOPHENYL- GLYCOSIDE	Plant				--
53	BETA-CAROTENE	Plant				--
32	HYDROQUINONE	Plant				--
0	ALDOBIOTRIOURONIC- ACID	Plant				--
0	ROSIN	Plant				--
0	DIASTASE	Plant				--
0	3',4',7,8- TETRAHYDROXYFLAVONO ID	Plant				--
14	POTASSIUM	Plant				--
1	LYSOLECITHIN	Plant				--
9	BETA-AMYRIN	Root				--
7	GLUCOSE	Fruit				--
0	ALDOBIONIC-ACID	Plant				--
0	ROBIDANDIOL	Plant				--
0	D-GLUCURONIC-ACID	Plant				--
0	3',4',5,7- TETRAHYDROXYFLAVAN- 3-OL(-)-EPICATECHOL	Fruit				--
0	POLYPHENOL-OXIDASE	Plant				--
6	OCTACOSANOL	Root				--
0	LINOELIC-ACID	Plant				--
62	GALLIC-ACID	Resin, Exudate, Sap				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	8-HYDROXYQUINOLINE	Plant				--
15	RIBOFLAVIN	Plant				--
0	D-GALACTOSE	Plant				--
0	3',4',5,7-TETRAHYDROXYFLAVAN-3-OL	Fruit				--
21	(-)-EPIGALLOCATECHIN	Plant				--
8	PHLOROGLUCINOL	Plant				--
0	MYRECETIN-4'-METHYLEETHER-3-RHAMNOSIDE	Plant				--
13	LIGNIN	Plant				--
0	ASCORBIC-ACID-OXIDASE	Plant				--
0	GALACTURONIC-ACID	Plant				--
0	7-HYDROXYQUINOLINE	Plant				--
0	RHAMNOSE	Fruit				--
0	D-CATECHOL	Plant				--
0	2-O-BETA-L-ARABINOFURANOSYL-L-ARABINOSE	Plant				--
0	(-)-DICATECHIN	Plant				--
0	PHLOBATANNIN	Plant				--
3	MUCILAGE	Plant				--
0	LACTONE	Plant				--
112	ASCORBIC-ACID	Plant				--
8	FRUCTOSE	Plant				--
0	7-COUMARINYL-ACID	Plant				--
1	RAFFINOSE	Seed				--
77	CHLOROGENIC-ACID	Plant				--
0	(3)-LEUCOCYANIDIN-GALLATE	Plant				--
6	EPIGALLOCATECHIN	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PHLOBAPHENE	Plant				--
0	MONOBUTYRINASE	Plant				--
0	L-ARABINOSE	Plant				--
0	ARABINOSE	Fruit				--
0	6-HYDROXYQUINOLINE	Plant				--
44	QUERCITRIN	Plant				--
1	CELLULOSE	Plant				--
0	(+)-PYROCATECHOL	Plant				--
0	EPICATECHOL	Plant				--
0	PEROXIDASE	Plant				--
14	MANGANESE	Plant				--
3	KAURENIC-ACID	Plant				--
0	ARABINOFURANOSYL-L-ARABINOSE	Resin, Exudate, Sap				--
0	TANNASE	Plant				--
0	4-ALDOBIOURONIC-ACID	Plant				--
0	QUERCETIN-3-O-RUTINOSIDE	Plant				--
0	(+)-LEUCOCYANIDIN	Plant				--
0	DICATECHIN	Plant				--
0	OXIDASE	Plant				--
0	MALTASE	Plant				--
0	CARBOHYDRATES	Plant				--
0	KAEMPFEROL-3-O-GLUCOSIDE	Plant				--
0	ARABIC-ACID	Plant				--
14	SUCROSE	Seed				--
0	EPICATECHOL-GALLATE	Plant				--
0	4',7,8-TRIHYDROXYFLAVONOID	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
176	QUERCETIN	Plant				--
0	(+)-GALLOCATECHOL	Plant				--
3	XYLOSE	Fruit				--
9	OXALIC-ACID	Plant				--
15	MALIC-ACID	Plant				--
28	CALCIUM	Plant				--
2	ISORHAMNETIN-3-RUTINOSIDE	Plant				--
1	AMYLASE	Plant				--
1	SODIUM	Plant				--