

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Ailanthus altissima*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	1-(1',2'-DIHYDROXYETHYL)-4-METHOXY-BETA-CARBOLINE	Root Bark				--
0	1-(2'-HYDROXYETHYL)-4-METHOXY-BETA-CARBOLINE	Root Bark				--
0	1-ACETYL-4-METHOXY-BETA-CARBOLINE	Root Bark				--
0	1-HYDROXYCANTHIN-6-ONE	Tissue Culture				--
3	1-METHOXYCANTHIN-6-ONE	Wood				--
0	1-METHOXYCANTHIN-6-ONE-3N-OXIDE	Root Bark				--
3	2,6-DIMETHOXY-P-BENZOQUINONE	Bark				--
0	2,6-DIMETHOXYQUINONE	Plant				--
0	ACETYLAMAROLIDE	Bark				--
0	AILANTHIIN	Plant		49600.0		--
8	AILANTHINONE	Bark				--
8	AILANTHONE	Fruit				--
0	AMAROLIDE	Bark				--
47	BETA-SITOSTEROL	Plant				--
4	CALCIUM-OXALATE	Plant				--
8	CANTHIN-6-ONE	Wood				--
0	CANTHIN-6-ONE-3-OXIDE	Wood				--
0	CARBOLINE-1-CARBOXYLATE	Bark				--
1	CELLULOSE	Bark				--
0	CERYL-ALCOHOL	Plant				--
0	CERYL-PALMITATE	Bark				--
2	ELAIDIC-ACID	Plant				--
0	FAT	Seed	555000.0	591000.0	1.7151170282296764	--
15	FISETIN	Plant				--
62	GALLIC-ACID	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	HEMICELLULOSE	Plant				--
0	HOLOCELLULOSE	Plant				--
3	ISOQUERCETIN	Leaf				--
22	ISOQUERCITRIN	Leaf				--
13	LIGNIN	Plant				--
0	LINUTHIN	Leaf				--
0	METHYL-4-METHOXY-BETA-CARBOLINE-1-CARBOXYLATE	Root Bark				--
3	MUCILAGE	Plant				--
0	NEOQUASSIN	Plant				--
0	OLEORESIN	Plant				--
0	PHLOBAPHENE	Bark				--
0	POLYSACCHARIDE	Bark				--
0	PROTEIN	Seed	275000.0	276000.0	0.3754258358628318	--
0	QUASSIIN	Bark		49600.0		--
5	QUASSIN	Plant				--
176	QUERCETIN	Leaf				--
0	RHAMNOSE	Plant				--
0	SAPONIN	Bark				--
44	SCOPOLETIN	Plant				--
0	SHINJULACTONE-C	Root Bark		10.0		--
35	TANNIN	Leaf		120000.0	0.11560400756237017	--