

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Nerium oleander

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
2	UZARIGENIN	Flower				--
89	URSOLIC-ACID	Plant		43000.0	1.2575715470462003	--
0	UREHITOXIN	Leaf				--
1	STROSPESIDE	Leaf				--
12	STIGMASTEROL	Plant				--
8	STEARIC-ACID	Flower				--
87	RUTIN	Leaf				--
0	ROSAGININ	Bark				--
44	QUERCITRIN	Leaf				--
0	QUERCETRIN-3-RHAMNOGLUCOSIDE	Leaf				--
176	QUERCETIN	Leaf				--
0	PSEUDOCURAMINE	Plant				--
0	PROTEIN	Seed		300000.0	0.5889182649357977	--
2	PHYTOSTEROLS	Seed		140.0	-0.6126287536407308	--
13	PALMITIC-ACID	Seed				--
18	OLEIC-ACID	Seed				--
0	OLEASIDES	Leaf				--
64	OLEANOLIC-ACID	Plant				--
4	OLEANDRIN	Leaf				--
2	OLEANDOMYCIN	Plant				--
0	OLEAGENIN	Leaf				--
0	ODOROTRIOSIDE	Plant				--
0	ODOROSIDE-H	Leaf				--
0	ODOROSIDE-A	Leaf				--
0	ODOROBIOSIDE	Plant				--
0	NERITALOSIDE	Leaf				--
2	NERIIN	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	NERIGOSIDE	Seed				--
0	NERIANTHIN	Leaf				--
0	LINOLENIC-ACID	Flower				--
27	LINOLEIC-ACID	Flower				--
7	LAURIC-ACID	Seed				--
4	KAEMPFEROL-3-RHAMNOGLUCOSIDE	Leaf				--
22	ISOQUERCITRIN	Leaf				--
9	HCN	Plant				--
0	GLYCOSIDES	Stem		5000.0		--
0	GLYCOSIDES	Stem Bark		9600.0		--
0	GLYCOSIDES	Leaf		6300.0	-0.8424625177520961	--
0	GLYCOSIDES	Flower		5500.0		--
1	GITOXIGENIN	Flower				--
0	GENTIOBIOSYLOLEANDRIN	Leaf				--
2	FOLINERIN	Leaf				--
2	FOLIANDRIN	Leaf				--
0	FAT	Seed	170000.0	294000.0	0.15071179156978792	--
0	EO	Flower		300.0	-0.4133346432358431	--
0	DIACETYL-NERIGOSIDE	Seed				--
0	DEACETYLOLEANDRIN	Leaf				--
0	CORTENERIN	Leaf				--
2	CORNERIN	Leaf				--
20	CHOLINE	Plant				--
5	CAPRYLIC-ACID	Seed				--
1	CAPROIC-ACID	Seed				--
3	CAPRIC-ACID	Seed				--
0	CAOUTCHOUC	Plant		490.0	-1.1068269421754922	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
2	CAMPESTEROL	Plant				--
22	BETULINIC-ACID	Leaf				Jim Duke's personal files.
13	BETULIN	Leaf				Jim Duke's personal files.
47	BETA-SITOSTEROL	Plant				--
10	ALPHA-AMYRIN	Plant				--
0	ALKALOIDS	Stem		20.0	-1.4422804804692324	--
0	ALKALOIDS	Leaf		50.0	-0.6062916455992023	--
0	ALKALOIDS	Flower		10.0	-1.4726561125045208	--
3	ADYNERIN	Leaf				--
0	ADIGOSIDE	Plant				--
0	9-D-HYDROXY-CIS-12-OCTADECANOIC-ACID	Seed				--
0	16-ANHYDRO-DEACETYL-NERIGOSIDE	Seed				--