

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Artemisia absinthium*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
24	VANILLIC-ACID	Plant				--
0	TRANS-SPIROKETALENOL	Root				--
0	TRANS-SAQBINYL-ACETATE	Plant				--
0	TRANS-EPOXYOCIMENE	Leaf	800.0	5700.0		--
2	TRANS-DEHYDROMATRICARIA-ESTER	Root				--
0	THUJYL-PALMITATE	Plant				--
0	THUJYL-ISOVALERATE	Plant				--
0	THUJYL-ALCOHOL	Plant				--
35	TANNIN	Leaf	40000.0	77000.0	-0.40933797351744544	--
6	SYRINGIC-ACID	Plant				--
0	SPINACETIN-3-O-RHAMNOGLUCOSIDE	Leaf	16.0	32.0		--
0	SPINACETIN-3-O-GLUCOSIDE	Leaf		80.0		--
34	SALICYLIC-ACID	Plant				--
5	SABINENE	Plant				--
87	RUTIN	Plant				--
0	QUERCITIN-3-O-RHAMNOGLUCOSIDE	Plant				--
0	QUERCITIN-3-O-BETA-D-GLUCOSIDE	Plant				--
0	QUEBRACHITOL	Plant				--
43	PROTOCATECHUIC-ACID	Plant				--
0	PROTEIN	Seed	258000.0	334000.0	0.8913658727891659	--
2	PIPECOLIC-ACID	Plant				--
12	PINENE	Plant				--
4	PHELLANDRENE	Plant				--
0	PATULETIN-3-O-GLUCOSIDE	Leaf	16.0	32.0		--
0	PATUELTIN-3-O-RHAMNOSIDE	Leaf	16.0	32.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	PALMITIC-ACID	Plant				--
0	P-HYDROXYPHENYLACETIC-ACID	Plant				--
25	P-COUMARIC-ACID	Plant				--
11	NICOTINIC-ACID	Plant				--
0	METHYL-3-(5-PROP-1-YNE-1YL-THIENYL-(2)-PROPIONATE	Plant				--
0	MATRISIN	Plant				--
0	LIRIORESINOL	Plant				--
0	KETOPELENOLIDES	Plant				--
1	ISORHAMNETIN-3-GLUCOSIDE	Leaf				--
0	ISORHAMNETIN-3-O-RHAMNOGLUCOSIDE	Plant				--
22	ISOQUERCITRIN	Leaf				--
0	ISOABSINTHIN	Plant				--
0	INULOBIOSE	Plant				--
0	HYDROXYPELENOLIDE	Plant				--
13	FORMIC-ACID	Plant				--
0	FAT	Leaf	334000.0	381000.0	6.466997660697641	--
0	EO	Leaf	2500.0	17000.0	0.4806976405340964	--
0	CIS-EPOXYOCIMENE	Leaf	800.0	5700.0		--
77	CHLOROGENIC-ACID	Plant				--
10	CHAMAZULENE	Leaf		1700.0		--
9	CAMPHENE	Plant				--
4	CADINENE	Plant				--
0	BISABOLENE	Plant				--
5	BETA-THUJONE	Leaf		1750.0	-0.001109021654743233	--
0	BETA-CARYOPHYLLENE	Plant				--
53	BETA-CAROTENE	Leaf		500.0	1.0395341068084734	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ASH	Seed		66000.0	0.5450032370400273	--
112	ASCORBIC-ACID	Leaf	1200.0	2600.0	-0.20267322776383737	--
0	ARTHAMARININ	Plant				--
0	ARTHAMARIN	Plant				--
0	ARTHAMARIDININE	Plant				--
0	ARTHAMARIDIN	Plant				--
0	ARTENISETIN	Plant				--
0	ARTEMOLINS	Plant				--
7	ARTEMETIN	Leaf		60.0		--
0	ARTABSINOLIDE	Plant				--
0	ARTABIN	Plant				--
0	ARTABASIN	Leaf				--
0	ARABSIN	Plant				--
0	ANABSINTHIN	Plant				--
0	ANABSININ	Plant				--
0	ANABSIN	Plant				--
6	ALPHA-THUJONE	Leaf		1750.0	-0.046672241436138316	--
0	ACHILLICIN	Flower				--
3	ABSINTHIN	Leaf				--
0	5-HYDROXY-3,6,7,3',4'-PENTAMETHOXYFLAVONE	Plant				--
0	5,6-DIHYDROCHAMAZULENE	Essential Oil				--
0	3,7-DIOXABICYCL-(3,3,0)-OCTANE	Plant				--
0	3,6-DIHYDROCHAMAZULENE	Essential Oil				--
0	2,3-DIEPI-ARTABSINOLIDE-C	Plant				--