

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Piper auritum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
67	1,8-CINEOLE	Leaf				Tramil
0	ACADINE-1,4-DIENE	Leaf				Tramil
0	ALPHA-CARYOPHYLLENE	Leaf				Tramil
0	ALPHA-COPAENE	Leaf				Tramil
0	ALPHA-CUBEBENE	Leaf				Tramil
11	ALPHA-PHELLANDRENE	Leaf				Tramil
28	ALPHA-PINENE	Leaf				Tramil
13	ALPHA-TERPINENE	Leaf				Tramil
0	ALPHA-THUJENE	Leaf				Tramil
0	APORPHINES	Plant				Tramil
112	ASCORBIC-ACID	Leaf	490.0	3370.0	-0.13122703957400533	--
0	ASH	Leaf	24000.0	135000.0	0.28451335689728435	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	AURANTIAMIDE-I	Leaf				Tramil
0	AURANTIAMIDE-II	Leaf				Tramil
20	BENZOIC-ACID	Leaf				Tramil
6	BETA-BISABOLENE	Leaf				Tramil
0	BETA-BOURBONINE	Leaf				Tramil
53	BETA-CAROTENE	Leaf	34.0	193.0	-0.297434471728523	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
3	BETA-PHELLANDRENE	Leaf				Tramil
13	BETA-PINENE	Leaf				Tramil
47	BETA-SITOSTEROL	Leaf				Tramil
35	BORNEOL	Leaf				Tramil
0	BORNEOL-ACETATE	Leaf				Tramil
28	CALCIUM	Leaf	2570.0	14440.0	-0.2731179416715471	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
9	CAMPHENE	Leaf				Tramil

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
41	CAMPHOR	Leaf				Tramil
0	CARBOHYDRATES	Leaf	82500.0	567000.0	-0.35667213606684206	--
31	CARYOPHYLLENE	Leaf				Tramil
8	CARYOPHYLLENE-OXIDE	Leaf				Tramil
0	CEPHARADIONE-A	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	CEPHARADIONE-B	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
9	DELTA-CADINENE	Leaf				Tramil
0	DELTA-ELEMENE	Leaf				Tramil
0	ELEMICINE	Leaf				Tramil
0	EO	Leaf	4700.0	5800.0	-0.5044522185403278	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
76	EUGENOL	Leaf				Tramil
0	FAT	Leaf	14000.0	79000.0	0.4491077438213098	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	FIBER	Leaf	22000.0	124000.0	-0.46416233179014565	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	GAMMA-MUUROLENE	Leaf				Tramil
11	GAMMA-TERPINENE	Leaf				Tramil
2	HUMULENE	Leaf				Tramil
6	IRON	Leaf	48.0	315.0	-0.12213582064856994	--
0	KILOCALORIES	Leaf	570.0	3200.0	0.2932355966920321	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
10	LIGNANS	Leaf				Tramil
60	LIMONENE	Leaf				Tramil
53	LINALOOL	Leaf				Tramil
0	MUUROLENE	Leaf				Tramil

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
22	MYRCENE	Leaf				Tramil
31	MYRISTICIN	Leaf				Tramil
0	N-HEXADECANE	Leaf				Tramil
39	NIACIN	Leaf	9.0	100.0	0.03039961658184584	--
0	NONAN-2-ONE	Leaf				Tramil
0	PARACIMENENE	Leaf				Tramil
0	PARACIMENOL-8	Leaf				Tramil
4	PHOSPHORUS	Leaf	490.0	2920.0	-0.3774409202601403	--
0	PIPEROCROMANOIC-ACID	Leaf				Tramil
0	PIPEROCROMENOIC-ACID	Leaf				Tramil
0	PIPEROIC-ACID	Leaf				Tramil
0	PROTEIN	Leaf	39000.0	219000.0	0.0713775457043346	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	RIBOFLAVIN	Leaf	2.4	13.5	-0.1145804673938679	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
5	SABINENE	Leaf				Tramil
29	SAFROLE	Leaf	3290.0	4930.0	1.414211375957136	--
0	SPATHULENOL	Leaf				Tramil
9	TERPINOLENE	Leaf				Tramil
31	THIAMIN	Leaf	1.2	6.7	-0.33441696387099973	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	WATER	Leaf	804000.0	822000.0	0.07165335512761904	--