

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Alpinia officinarum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	EO	Rhizome	3000.0	10000.0	-0.5317116167359565	--
76	EUGENOL	Rhizome	90.0	400.0	-0.6979831170877149	--
3	FLUORIDE	Rhizome		5.4	-1.0	--
5	STARCH	Rhizome	200000.0	250000.0	-1.1706719629335678	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
16	P-CYMENE	Rhizome				Wealth of India.
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-PHENYLHEPT-4-EN-3-ONE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	7-(4''-HYDROXY-3'-METHOXY-PHENYL)-PHENYLHEPT-3,5-DIONE	Rhizome		1.6		--
13	BETA-PINENE	Rhizome				Wealth of India.
0	1,7-DIPHENYL-5-HYDROXY-3-HEPTANONE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	1,7-DIPHENYL-5-HYDROXYHEPTAN-3-ONE	Rhizome				--
0	GALANGOL	Rhizome				--
2	METHYL-ISOVALERATE	Rhizome				Wealth of India.
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYLHEPT-4-EN-3-ONE	Rhizome		48.0		--
0	5-METHOXYPHENYL-7-(4''-HYDROXYPHENYL)-HEPTAN-3-ONE	Rhizome		4.0		--
5	BETA-ELEMENE	Rhizome				Wealth of India.
0	GALANGIN-3-METHYL-ETHER	Rhizome				--
60	LIMONENE	Rhizome				Wealth of India.
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYL-3,5-HEPTADIONE	Rhizome				--
0	5-METHOXY-7-(4'-HYDROXY-3''-METHOXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		12.0		--
0	7-HYDROXY-3,5-DIMETHOXYFLAVONE	Rhizome				Wealth of India.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	5-EPIHEXAHYDROCURCUMIN	Rhizome		5.0		--
13	GALANGIN	Rhizome		1000.0		--
75	KAEMPFEROL	Rhizome				--
0	5-METHOXY-7-(4'-HYDROXY-3'METHOXYPHENYL)-1-PHENYL-3-HEPTA...	Plant				--
0	5-METHOXY-1,7-DIPHENYLHEPTAN-3-ONE	Rhizome		110.0		--
5	KAEMPFERIDE	Rhizome	600.0	800.0		--
0	TRANS-ALPHA-BERGAMOTENE	Rhizome				Wealth of India.
11	ISORHAMNETIN	Rhizome				Wealth of India.
0	5-HYDROXY-7-(4-HYDROXY-3-METHOXYPHENYL)-1-PHENYL-HEPTANONE	Plant				--
0	5-HYDROXY-7-(4"-HYDROXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		30.0		--
53	LINALOOL	Rhizome				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
23	TERPINEN-4-OL	Rhizome				Wealth of India.
0	GINGEROLS	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	5-HYDROXY-7-(4'-HYDROXYPHENYL)1-PHENYL-3-HEPTANONE	Rhizome				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
0	5-HYDROXY-7-(4"-HYDROXY-3"-METHOXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		367.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
35	TANNIN	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	DIOXYFLAVONAL	Plant				--
0	STEROLS	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	GAMMA-CADINENE	Rhizome				Wealth of India.
0	5-HYDROXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-PHENYL-3-HEPTANONE	Plant				--
0	5-HYDROXY-1-PHENYL-7-(4''-HYDROXY-3''-METHOXYPHENYL)-HEPTAN-3-ONE	Rhizome		330.0		--
0	DIHYDROYASHABUSHIKETOL	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
7	RHAMNOCITRIN	Rhizome				Wealth of India.
0	DIARYLHEPTANOIDS	Rhizome				--
0	5-HYDROXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYL-3-HEPT...	Plant				--
0	5-HYDROXY-1,7-DIPHENYLHEPTAN-3-ONE	Rhizome		137.0		--
5	METHYL-CINNAMATE	Plant				--
0	D-ALPHA-PINENE	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	QUERCETIN-3'-METHYLETHER	Rhizome				Wealth of India.
0	5-EPIDIHYDROYASHABUSHIKETOL	Rhizome		65.0		--
9	DELTA-CADINENE	Rhizome				Wealth of India.
0	3,5,7-TRIHYDROXYFLAVONE	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	1-PHENYL-7-(4"-HYDROXYPHENYL)-HEPT-4-EN-3-ONE	Rhizome		8.0		--
14	MANGANESE	Plant				--
176	QUERCETIN	Rhizome				--
0	ALPINOL	Rhizome				--
0	YAKUCHINONE	Rhizome				--
41	CAMPHOR	Rhizome				Wealth of India.
67	1,8-CINEOLE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	1-PHENYL-7-(4'-HYDROXY-3'-METHOXYPHENYL)-HEPTAN-3-ONE	Rhizome				--
0	LINALOL	Rhizome				--
1	PHENYL-ALKYL-KETONES	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	ALPHA-CADINENE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	IZALPIN	Rhizome				--
9	CAMPHENE	Rhizome				Wealth of India.
0	1,7-DIPHENYLHEPT-4-EN-3-ONE	Rhizome				--
0	1-(4-HYDROXYPHENYL)-7-PHENYLHEPTANE-3,5-DIOL	Rhizome		10.0		--
0	KAEMPFERID	Rhizome	600.0	800.0		--