

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Alpinia officinarum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
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.
0	EO	Rhizome	3000.0	10000.0	-0.5317116167359565	--
13	GALANGIN	Rhizome		1000.0		--
5	KAEMPFERIDE	Rhizome	600.0	800.0		--
0	KAEMPFERID	Rhizome	600.0	800.0		--
76	EUGENOL	Rhizome	90.0	400.0	-0.6979831170877149	--
0	5-HYDROXY-7-(4''-HYDROXY-3''-METHOXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		367.0		--
0	5-HYDROXY-1-PHENYL-7-(4''-HYDROXY-3''-METHOXYPHENYL)-HEPTAN-3-ONE	Rhizome		330.0		--
0	5-HYDROXY-1,7-DIPHENYLHEPTAN-3-ONE	Rhizome		137.0		--
0	5-METHOXY-1,7-DIPHENYLHEPTAN-3-ONE	Rhizome		110.0		--
0	5-EPIDIHYDROYASHABUSHI KETOL	Rhizome		65.0		--
0	7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYLHEPT-4-EN-3-ONE	Rhizome		48.0		--
0	5-HYDROXY-7-(4''-HYDROXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		30.0		--
0	5-METHOXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYLHEPTAN-3-ONE	Rhizome		12.0		--
0	1-(4-HYDROXYPHENYL)-7-PHENYLHEPTANE-3,5-DIOL	Rhizome		10.0		--
0	1-PHENYL-7-(4''-HYDROXYPHENYL)-HEPT-4-EN-3-ONE	Rhizome		8.0		--
3	FLUORIDE	Rhizome		5.4	-1.0	--
0	5-EPIHEXAHYDROCUCUMIN	Rhizome		5.0		--

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0	5-METHOXYPHENYL-7-(4"-HYDROXYPHENYL)-HEPTAN-3-ONE	Rhizome		4.0		--
0	7-(4"-HYDROXY-3'-METHOXY-PHENYL)-PHENYLHEPT-3,5-DIONE	Rhizome		1.6		--
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)
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.
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	7-HYDROXY-3,5-DIMETHOXYFLAVONE	Rhizome				Wealth of India.
75	KAEMPFEROL	Rhizome				--
0	5-METHOXY-7-(4'-HYDROXY-3'METHOXYPHENYL)-1-PHENYL-3-HEPTA...	Plant				--
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				--

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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.
35	TANNIN	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	STEROLS	Rhizome				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	DIOXYFLAVONAL	Plant				--
0	GAMMA-CADINENE	Rhizome				Wealth of India.
0	5-HYDROXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYL-3-HEPTANONE	Plant				--
7	RHAMNOCITRIN	Rhizome				Wealth of India.
0	DIHYDROYASHABUSHIKETOL	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	DIARYLHEPTANOIDS	Rhizome				--
0	5-HYDROXY-7-(4'-HYDROXY-3'-METHOXYPHENYL)-1-PHENYL-3-HEPT...	Plant				--
5	METHYL-CINNAMATE	Plant				--
2	QUERCETIN-3'-METHYLETHER	Rhizome				Wealth of India.

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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.
9	DELTA-CADINENE	Rhizome				Wealth of India.
0	3,5,7-TRIHYDROXYFLAVONE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
14	MANGANESE	Plant				--
176	QUERCETIN	Rhizome				--
0	ALPINOL	Rhizome				--
41	CAMPHOR	Rhizome				Wealth of India.
67	1,8-CINEOLE	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
0	YAKUCHINONE	Rhizome				--
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)
9	CAMPHENE	Rhizome				Wealth of India.
0	1,7-DIPHENYLHEPT-4-EN-3-ONE	Rhizome				--
0	IZALPIN	Rhizome				--