

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Piper methysticum

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
14	DIHYDROKAWAIN	Stem				--
12	YANGONIN	Leaf				--
7	GLUCOSE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
14	DIHYDROKAWAIN	Plant				--
18	METHYSTICIN	Leaf		7100.0		--
12	STIGMASTEROL	Rhizome				--
14	DIHYDROKAWAIN	Rhizome	6000.0	10500.0		--
8	FRUCTOSE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
18	CINNAMIC-ACID	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
3	3,4-METHYLENE-DIOXYCINNAMIC-ACID-BORNYL-ESTER	Root				--
18	METHYSTICIN	Stem				--
18	METHYSTICIN	Resin, Exudate, Sap		22200.0		--
14	DIHYDROKAWAIN	Leaf				--
20	BENZOIC-ACID	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
6	PINOSTROBIN	Root		70.0		--
18	METHYSTICIN	Rhizome	12000.0	13400.0		--
18	METHYSTICIN	Root		140.0		--
1	CHOLESTEROL	Rhizome				--
1	EICOSANOL	Root		2100.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	PHENYLACETIC-ACID	Rhizome				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
29	KAWAIN	Leaf				--
29	KAWAIN	Rhizome	9300.0	12000.0		--
2	CAMPESTEROL	Rhizome				--
9	OXALIC-ACID	Root				Madaus, G. 1976. Lehrbuch der Biologischen Hilfsmittel. Vol., 1-3. 2862 pp. (+ 144 p. index). Georg Olms Verlag, Hildesheim. Reprint of 1938 Madaus.
29	KAWAIN	Resin, Exudate, Sap		33800.0		--
18	DIHYDROMETHYSTICIN	Root		160.0		--
47	BETA-SITOSTEROL	Rhizome				--
5	5,6-DEHYDROKAWAIN	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
1	5,7-DIMETHOXYFLAVONE	Root		40.0		--
29	KAWAIN	Stem				--
14	DIHYDROKAWAIN	Root		740.0		--
47	BETA-SITOSTEROL	Leaf				--
5	5,6-DEHYDROKAWAIN	Leaf				--
29	KAWAIN	Root		306.0		--
3	CINNAMIC-ACID-BORNYL-ESTER	Root		300.0		--
14	SUCROSE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
12	YANGONIN	Plant				--
12	YANGONIN	Stem				--
18	DIHYDROMETHYSTICIN	Rhizome	5000.0	8500.0		--
18	CINNAMIC-ACID	Rhizome				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
18	METHYSTICIN	Plant				--
12	YANGONIN	Resin, Exudate, Sap		43300.0		--
18	DIHYDROMETHYSTICIN	Stem				--
20	BENZOIC-ACID	Rhizome				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
2	MALTOSE	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
29	KAWAIN	Plant				--
12	YANGONIN	Rhizome	6800.0	10000.0		--
18	DIHYDROMETHYSTICIN	Leaf				--
6	ANISIC-ACID	Rhizome				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
1	HEXADECANOL	Root		3600.0		--
18	DIHYDROMETHYSTICIN	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
12	YANGONIN	Root		280.0		--
5	STARCH	Root		430000.0	0.47798800143335857	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
15	FIBER	Root		200000.0	2.4848485237263582	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
47	BETA-SITOSTEROL	Root		166000.0	3.7415916306490002	--