

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Lycopodium clavatum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	FAT	Pollen Or Spore	400000.0	500000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	SPORONIN	Pollen Or Spore	200000.0	450000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
18	OLEIC-ACID	Pollen Or Spore	165000.0	300000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	9-HEXADECANOIC-ACID	Pollen Or Spore	120000.0	175000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	HYDROCAFFEIC-ACID	Pollen Or Spore		30000.0		--
0	SUGARS	Pollen Or Spore		30000.0		Hutchings, A, Scott, AH, Lewis, G, and Cunningham, A. 1996. Zulu Medicinal Plants. An inventory. University of Natal Press, Pietermaritzburg. 450 pp.
14	POTASSIUM	Plant		18000.0	-0.26481547686291335	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
28	CALCIUM	Plant		16020.0	0.2599938247463054	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
0	ALPHA-ONOCERIN	Plant		10000.0		--
65	MAGNESIUM	Plant		2340.0	-0.5359001289694313	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
0	ALKALOIDS	Pollen Or Spore	1000.0	2000.0		--
3	LYCOPODINE	Plant	20.0	870.0	1.0	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	IRON	Plant		650.0	0.027160255028995064	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
0	CLAVOLONINE	Plant	230.0	350.0		--
0	FAWCETTIINE	Plant	110.0	260.0		--
1	SODIUM	Plant		155.0	-0.29549783543265734	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
14	MANGANESE	Plant		100.0	0.021813677839542838	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
0	FAWCETTIMINE	Plant		90.0		--
0	DEACETYLFAWCETTIINE	Plant		60.0		--
77	ZINC	Plant		28.0	-0.23812799612849617	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
12	COPPER	Plant		8.0	-0.666293583807107	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
2	ARSENIC	Plant		0.49	-0.4252940691814437	--
1	MERCURY	Plant		0.07	-0.5003982654455232	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
24	VANILLIC-ACID	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
27	LINOLEIC-ACID	Pollen Or Spore				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	16-OXOSERRAT-14-EN-3-BETA,21-BETA-DIOL	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	LYCOPODIUMOLEIC-ACID-GLYCERIDES	Pollen Or Spore				Hutchings, A, Scott, AH, Lewis, G, and Cunningham, A. 1996. Zulu Medicinal Plants. An inventory. University of Natal Press, Pietermaritzburg. 450 pp.
13	PALMITIC-ACID	Pollen Or Spore				--
0	DIEPISERRATENEDIOL	Stem				Chemical Constituents of Oriental Herbs (3 diff. books)
0	SERRATENEDIOL	Plant				--
14	ARGININE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	24-BETA-METHYLCHOLEST-5-EN-3-BETA-OL	Plant				--
3	VALINE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	16-OXOSERRAT-14-EN-3-BETA,21-ALPHA-DIOL	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	LYCOFLEXINE	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	DE-N-METHYL-ALPHA-OBSCURINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	PROLAMINE	Pollen Or Spore				--
0	24-ALPHA-METHYL-CHOLEST-5-EN-3-BETA-OL	Plant				--
0	LYCODOLINE	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
101	APIGENIN	Plant				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.
78	LUTEOLIN	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	O-ACETYLLYCOCLAVINE	Plant				--
0	LYCOCLAVANOL	Plant				--
0	24-ALPHA-ETHYLCHOLESTA-5,22-DIEN-3-BETA-OL	Plant				--
0	LYCODINE	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
7	HISTIDINE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
7	CHRYSOERIOL	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
21	NICOTINE	Pollen Or Spore				Chemical Constituents of Oriental Herbs (3 diff. books)
0	LYCOCLAVANIN	Plant				--
0	24-ALPHA-ETHYLCHOLEST-5-EN-3-BETA-OL	Plant				--
0	LYCOCRYPTOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	SERRATENEDIOL	Stem				Chemical Constituents of Oriental Herbs (3 diff. books)
0	FLABELLIFORMINE	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
102	CAFFEIC-ACID	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	N-ACETYL-N-BETA-METHYLPHLEGMARINE	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
0	CLAVATOXINE	Plant				--
0	APIGENIN-4'-GLUCOSIDE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	LYCOCLAVINE	Plant				--
3	ALANINE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	22-DEHYDROCAMPESTEROL	Plant				--
0	SERRAT-14-ENE-3BETA,21BETA,24-TRIOL	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
61	FERULIC-ACID	Plant				--
0	BETA-OBSCURINE	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
6	MYRISTIC-ACID	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	CLAVATOL	Plant				--
0	DIOXYSTEARIC-ACID	Pollen Or Spore				--
0	ANNONTINE	Pollen Or Spore				Hutchings, A, Scott, AH, Lewis, G, and Cunningham, A. 1996. Zulu Medicinal Plants. An inventory. University of Natal Press, Pietermaritzburg. 450 pp.
0	LYCOCLAVANOL	Stem				Chemical Constituents of Oriental Herbs (3 diff. books)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	21-EPISERRATRIOL	Plant				--
0	SERRAT-14-ENE-3ALPHA,21BETA,24-TRIOL-16-ONE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	METHYLLYCOCLAVINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	CLAVATINE	Plant				--
0	DIEPISERRATENEDIOL	Plant				--
0	ANHYDROLYCODOLINE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	LYCOCLAVANIN	Stem				Chemical Constituents of Oriental Herbs (3 diff. books)
0	9,10-DIOXYSTEARIC-ACID	Pollen Or Spore				Chemical Constituents of Oriental Herbs (3 diff. books)
0	21-EPISERRATENEDIOL	Plant				--
0	SERRAT-14-ENE-3ALPHA,20BETA,21,24-TETRAOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	FAWCETTIDINE	Plant				--
0	16-OXOLYCOCLAVANOL	Plant				--
0	CLAVANOLINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	ALPHA-OBSCURINE	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	LYCLANITIN	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	9,10-DIHYDROXYSTEARIC-ACID	Pollen Or Spore				--
0	16-OXOSERRATENEDIOL	Plant				--
0	PROTOAMINE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
14	SUCROSE	Plant				--
1	CHOLESTEROL	Plant				--
0	ACETYLDIHYDROLYCOPODINE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	LYCLANINOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	16-OXYSERRATENEDIOL	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
0	PROLINE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	DIHYDROLYCOPODINE	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	SPOROPOLLENIN	Plant				--
8	AZELAIC-ACID	Plant				--
0	ACETYLFAWCETTIINE	Plant				--
0	LUCIDOLINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	16-OXOSERRAT-14-ENE-3ALPHA,21BETA-DIOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
2	PHYTOSTEROLS	Pollen Or Spore				Hutchings, A, Scott, AH, Lewis, G, and Cunningham, A. 1996. Zulu Medicinal Plants. An inventory. University of Natal Press, Pietermaritzburg. 450 pp.
0	DIHYDROCAFFEIC-ACID	Plant				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.
0	SERRATENEOLONE	Plant				--

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0	9,10-DIHYDROXYSTEARIC-ACID	Plant				--
0	LYCOPOLINE	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)