

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Lycopodium clavatum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
24	VANILLIC-ACID	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
3	VALINE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
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	SUCROSE	Plant				--
0	SPOROPOLLENIN	Plant				--
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.
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.
0	SERRATENEOLONE	Plant				--
0	SERRATENEDIOL	Plant				--
0	SERRATENEDIOL	Stem				Chemical Constituents of Oriental Herbs (3 diff. books)
0	SERRAT-14-ENE-3BETA,21BETA,24-TRIOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	SERRAT-14-ENE-3ALPHA,21BETA,24-TRIOL-16-ONE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	SERRAT-14-ENE-3ALPHA,20BETA,21,24-TETRAOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PROTOAMINE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	PROLINE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	PROLAMINE	Pollen Or Spore				--
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.
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.
13	PALMITIC-ACID	Pollen Or Spore				--
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	O-ACETYLLYCOCLAVINE	Plant				--
21	NICOTINE	Pollen Or Spore				Chemical Constituents of Oriental Herbs (3 diff. books)
0	N-ACETYL-N-BETA-METHYLPHLEGMARINE	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
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	METHYLLYCOCLAVINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
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	LYCOPOLINE	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
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.
3	LYCOPODINE	Plant	20.0	870.0	1.0	--
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	LYCODOLINE	Plant				--
0	LYCODINE	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
0	LYCOCRYPTOL	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
0	LYCOCLAVINE	Plant				--
0	LYCOCLAVANOL	Plant				--
0	LYCOCLAVANOL	Stem				Chemical Constituents of Oriental Herbs (3 diff. books)
0	LYCOCLAVANIN	Plant				--
0	LYCOCLAVANIN	Stem				Chemical Constituents of Oriental Herbs (3 diff. books)
0	LYCLANITIN	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	LYCLANINOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
78	LUTEOLIN	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	LUCIDOLINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
27	LINOLEIC-ACID	Pollen Or Spore				--
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	HYDROCAFFEIC-ACID	Pollen Or Spore		30000.0		--
7	HISTIDINE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	FLABELLIFORMINE	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
61	FERULIC-ACID	Plant				--
0	FAWCETTIMINE	Plant		90.0		--
0	FAWCETTIINE	Plant	110.0	260.0		--
0	FAWCETTIDINE	Plant				--
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	DIOXYSTEARIC-ACID	Pollen Or Spore				--
0	DIHYDROLYCOPODINE	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
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	DIEPISERRATENEDIOL	Stem				Chemical Constituents of Oriental Herbs (3 diff. books)
0	DIEPISERRATENEDIOL	Plant				--
0	DEACETYLFAWCETTIINE	Plant		60.0		--
0	DE-N-METHYL-ALPHA-OBSCURINE	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
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.
0	CLAVOLONINE	Plant	230.0	350.0		--
0	CLAVATOXINE	Plant				--
0	CLAVATOL	Plant				--
0	CLAVATINE	Plant				--
0	CLAVANOLINE	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
7	CHRYSOERIOL	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
1	CHOLESTEROL	Plant				--
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.
102	CAFFEIC-ACID	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
8	AZELAIC-ACID	Plant				--
2	ARSENIC	Plant		0.49	-0.4252940691814437	--
14	ARGININE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	APIGENIN-4'-GLUCOSIDE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
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.
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	ANHIDROLYCODOLINE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	ALPHA-ONOCERIN	Plant		10000.0		--
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	ALKALOIDS	Pollen Or Spore	1000.0	2000.0		--

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3	ALANINE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ACETYLFAWCETTIINE	Plant				--
0	ACETYLDIHYDROLYCOPODINE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
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	9,10-DIOXYSTEARIC-ACID	Pollen Or Spore				Chemical Constituents of Oriental Herbs (3 diff. books)
0	9,10-DIHYDROXYSTEARIC-ACID	Pollen Or Spore				--
0	9,10-DIHYDROXYSTEARIC-ACID	Plant				--
0	24-BETA-METHYLCHOLEST-5-EN-3-BETA-OL	Plant				--
0	24-ALPHA-METHYL-CHOLEST-5-EN-3-BETA-OL	Plant				--
0	24-ALPHA-ETHYLCHOLESTA-5,22-DIEN-3-BETA-OL	Plant				--
0	24-ALPHA-ETHYLCHOLEST-5-EN-3-BETA-OL	Plant				--
0	22-DEHYDROCAMPESTEROL	Plant				--
0	21-EPISERRATRIOL	Plant				--
0	21-EPISERRATENEDIOL	Plant				--
0	16-OXSERRATENEDIOL	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
0	16-OXOSERRATENEDIOL	Plant				--
0	16-OXOSERRAT-14-ENE-3ALPHA,21BETA-DIOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

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	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	16-OXOLYCOCLAVANOL	Plant				--