

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	16-OXOLYCOCLAVANOL	Plant				--
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-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-ENE-3ALPHA,21BETA-DIOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	16-OXOSERRATENEDIOL	Plant				--
0	16-OXSERRATENEDIOL	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
0	21-EPISERRATENEDIOL	Plant				--
0	21-EPISERRATRIOL	Plant				--
0	22-DEHYDROCAMPESTEROL	Plant				--
0	24-ALPHA-ETHYLCHOLEST-5-EN-3-BETA-OL	Plant				--
0	24-ALPHA-ETHYLCHOLESTA-5,22-DIEN-3-BETA-OL	Plant				--
0	24-ALPHA-METHYL-CHOLEST-5-EN-3-BETA-OL	Plant				--
0	24-BETA-METHYLCHOLEST-5-EN-3-BETA-OL	Plant				--
0	9,10-DIHYDROXYSTEARIC-ACID	Pollen Or Spore				--
0	9,10-DIHYDROXYSTEARIC-ACID	Plant				--
0	9,10-DIOXYSTEARIC-ACID	Pollen Or Spore				Chemical Constituents of Oriental Herbs (3 diff. books)
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ACETYLDIHYDROLYCOPODINE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	ACETYLFAWCETTIINE	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	ALKALOIDS	Pollen Or Spore	1000.0	2000.0		--
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	ALPHA-ONOCERIN	Plant		10000.0		--
0	ANHYDROLYCODOLINE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
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.
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	APIGENIN-4'-GLUCOSIDE	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
14	ARGININE	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
2	ARSENIC	Plant		0.49	-0.4252940691814437	--
8	AZELAIC-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.
102	CAFFEIC-ACID	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
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.
1	CHOLESTEROL	Plant				--
7	CHRYSOERIOL	Plant				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	CLAVANOLINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	CLAVATINE	Plant				--
0	CLAVATOL	Plant				--
0	CLAVATOXINE	Plant				--
0	CLAVOLONINE	Plant	230.0	350.0		--
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	DE-N-METHYL-ALPHA-OBSCURINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	DEACETYLFAWCETTIINE	Plant		60.0		--
0	DIEPISERRATENEDIOL	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	DIEPISERRATENEDIOL	Stem				Chemical Constituents of Oriental Herbs (3 diff. books)
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	DIHYDROLYCOPODINE	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	DIOXYSTEARIC-ACID	Pollen Or Spore				--
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	FAWCETTIDINE	Plant				--
0	FAWCETTIINE	Plant	110.0	260.0		--
0	FAWCETTIMINE	Plant		90.0		--
61	FERULIC-ACID	Plant				--
0	FLABELLIFORMINE	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
7	HISTIDINE	Pollen Or Spore				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		--
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.
27	LINOLEIC-ACID	Pollen Or Spore				--
0	LUCIDOLINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

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

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.
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.
0	METHYLLYCOCLAVINE	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
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	N-ACETYL-N-BETA-METHYLPHLEGMARINE	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)
21	NICOTINE	Pollen Or Spore				Chemical Constituents of Oriental Herbs (3 diff. books)
0	O-ACETYLLYCOCLAVINE	Plant				--
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.
13	PALMITIC-ACID	Pollen Or Spore				--
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.
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.
0	PROLAMINE	Pollen Or Spore				--
0	PROLINE	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
0	PROTOAMINE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	SERRAT-14-ENE-3ALPHA,20BETA,21,24-TETRAOL	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-3BETA,21BETA,24-TRIOL	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	SERRATENEDIOL	Stem				Chemical Constituents of Oriental Herbs (3 diff. books)
0	SERRATENEDIOL	Plant				--
0	SERRATENEOLONE	Plant				--
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	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.
0	SPOROPOLLENIN	Plant				--
14	SUCROSE	Plant				--
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.
3	VALINE	Pollen Or Spore				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
24	VANILLIC-ACID	Plant				Chemical Constituents of Oriental Herbs (3 diff. books)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce 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.