

# List of All Chemicals

## **P** Lycopodium serratum (Lycopodiaceae)

### Common name(s)

Clubmoss; Chin-Pu-Huan; Huperzia

### How used

Medicinal

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Part All ▾	Low PPM	High PPM	StdDev	*Reference
16-OXOLYCOCLAVINOL	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
16-OXOSERRATENTRIOL	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
21-EPISERRATENEDIOL	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
21-EPISERRATRIOL	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
8-DEOXSERRATININE	Plant	--	--		*
HUPERSERRATININE	Plant	--	0.4		*
HUPERZINE-A	Plant	--	0.2	-1.0	*

#### Activities (11)

Antiacetylcholinesterase 2 mg/kg ims rat

Antiacetylcholinesterase IC50=0.1 uM

Antialzheimeran

Antiamnesic 0.25 mg/kg orl rat 8 day

Antiamnesic 0.1-0.125 mg/kg ipr mus

Antiamnesic 0.14-0.4 mg/kg iga mus

Antibutylcholinesterase IC50=58,895 nM/l

Anticholinesterase 3 x physostigmine

Antiglaucomic

Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.

Antimyasthenic

Memorigenic

HUPERZINE-B	Plant	--	--		*
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#### Activities (3)

Antialzheimeran

Anticholinesterase

Memorigenic

HUPERZININE	Plant	--	--		*
LUCIDINE-B	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
LUCIDIOLINE	Plant	--	1.4		*
LYCOBERGINE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
LYCOCLAVINE	Plant	--	12.0		*
LYCODINE	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
LYCODOLINE	Plant	--	52.0		*
LYCOPODINE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

**Activities (3)**

Paralytic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
Peristaltic	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.			
Uterocontractant	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.			

LYCOSERRAMINE	Plant	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
LYCOSERRINE	Plant	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
LYCOTHUINE	Plant	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
MACLEANINE	Plant	--	0.34	*
N-METHYL-HUPERZINE-B	Plant	--	--	*
OXOLUCIDINE-B	Plant	--	--	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
SERRAT-14-ENE-3BETA,21ALPHA,24-TRIOL	Plant	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
SERRAT-14-ENE-3BETA,21ALPHA-DIOL	Plant	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
SERRAT-14-ENE-3BETA,21BETA-DIOL	Plant	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
SERRATANIDINE	Plant	--	--	*
SERRATENEDIOL	Plant	--	--	*
SERRATENEDIOL-3-ACETATE	Plant	--	750.0	*
SERRATIDENE	Plant	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
SERRATINE	Plant	--	--	*
SERRATINIDINE	Plant	--	--	*
SERRATININE	Plant	0.5	1.5	*
SERRATRIOL	Plant	--	--	*
TOHOGENINOL	Plant	--	--	*
TOHOGENOL	Plant	--	--	*