

# List of All Chemicals

## **P** Lophophora williamsii (Cactaceae)

### Common name(s)

Peyote

### 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 <input type="button" value="All"/>	Low PPM	High PPM	StdDev	*Reference
3,4-DIMETHOXYPHENETHYLEMINE	Plant	--	--		*
ALKALOIDS	Plant	--	50000.0	0.95	*
ANHALAMINE	Plant	--	--		*
ANHALIDINE	Plant	--	--		*
ANHALININE	Plant	--	--		*
ANHALONIDINE	Plant	--	--		*
ANHALONINE	Plant	--	--		*
ANHALOTINE	Plant	--	--		*
CANDICINE	Plant	--	--		*

#### Activities (4)

Curare	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Epileptigenic	
Hypertensive	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Nicotinic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.

DEMETHYL-MESCALINE	Plant	--	--		*
HORDENINE	Plant	--	--		*

#### Activities (8)

Antiasthmatic	
Antidiarrheic 35 mg/kg scu dog	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
Antifeedant	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Bronchorelaxant	
Cardiotonic 2 mg/cat ivn	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
Hepatoprotective	
Pesticide	
Vasoconstrictor	

LOPHOPHORINE	Plant	--	--		*
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#### Activities (1)

Convulsant 12 mg/kg rbt	UNESCO. 1960. Medicinal Plants of the Arid Zones. eds.(botany) I.C. Chopra, B.K. Abrol and K.L. Hands; eds (pharmacology), R. Paris and G. Dillemann UNESCO, Place de Fontenoy, Paris 7E. 96 pp.
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LOPHOTINE	Plant	--	--		*
MESCALINE	Plant	--	--		*

Activities (10)	
CNS-Active 30 mg/kg scu mus	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
CNS-Depressant	UNESCO. 1960. Medicinal Plants of the Arid Zones. eds.(botany) I.C. Chopra, B.K. Abrol and K.L. Hands; eds (pharmacology), R. Paris and G. Dillemann UNESCO, Place de Fontenoy, Paris 7E. 96 pp.
Cardiovascular 25 mg/kg ivn rbt	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
Hallucinogen	Merck 11th Edition
Neurotoxic	R.J. Hixtable (Huxtable, R.J. (as T. Max). 1992. This and That:The Essential Pharmacology of Herbs and Spices. Tips 13:15-20 Huxtable, R.J. 1992b. The Myth of Benificent Nature. The Risk of Herbal Preparations. Anns. Intern. Med. 117(2):165-6; Huxtable, R.
Psychoactive	
Psychotomimetic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Sympathomimetic	Martindale's 29th
Teratogenic	
Tremorigenic	

MESCALINE-CITRIMIDE	Plant	--	--	*
MESCALINE-ISOCITRIMIDE-LACTONE	Plant	--	--	*
MESCALINE-MALEIMIDE	Plant	--	--	*
MESCALINE-MALIMIDE	Plant	--	--	*
MESCALINE-SUCCINIMIDE	Plant	--	--	*
MESCALOTAM	Plant	--	--	*
N-ACETYL-3-DEMETHYLMESCALINE	Plant	--	--	*
N-ACETYL-ANHALAMINE	Plant	--	--	*
N-ACETYL-ANHALONINE	Plant	--	--	*
N-ACETYLMESCALINE	Plant	--	--	*
N-FORMYL-3-DEMETHYLMESCALINE	Plant	--	--	*
N-FORMYL-ANHALAMINE	Plant	--	--	*
N-FORMYL-ANHALONIDINE	Plant	--	--	*
N-FORMYL-ANHALONINE	Plant	--	--	*
N-FORMYL-MESCALINE	Plant	--	--	*
N-FORMYL-O-METHYL-ANHALONIDINE	Plant	--	--	*
N-METHYL-MESCALINE	Plant	--	--	*
N-METHYL-TYRAMINE	Plant	--	--	*

Activities (1)	
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.

O-METHYL-ANHALONIDINE	Plant	--	--	*
PELLOTINE	Plant	--	--	*

Activities (2)	
Convulsant	UNESCO. 1960. Medicinal Plants of the Arid Zones. eds.(botany) I.C. Chopra, B.K. Abrol and K.L. Hands; eds (pharmacology), R. Paris and G. Dillemann UNESCO, Place de Fontenoy, Paris 7E. 96 pp.
Hypnotic	UNESCO. 1960. Medicinal Plants of the Arid Zones. eds.(botany) I.C. Chopra, B.K. Abrol and K.L. Hands; eds (pharmacology), R. Paris and G. Dillemann UNESCO, Place de Fontenoy, Paris 7E. 96 pp.

PEYOGLUNOL	Plant	--	--	*
PEYOGLUTAM	Plant	--	--	*
PEYONINE	Plant	--	--	*
PEYOPHORINE	Plant	--	--	*
PEYORUVIC-ACID	Plant	--	--	*
PEYOTINE	Plant	--	--	*
PEYOXYLIC-ACID	Plant	--	--	*
TYRAMINE	Plant	--	--	*

**Activities (11)**

Adrenergic	Merck 11th Edition
Antiaggregant	
Cardiovascular 0.8 ivn cat	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
Cardiovascular 30 mg/kg scu mus	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
Hypertensive	Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp.
Insectifuge	Grainge, M. and Ahmed, S., Handbook of Plants with Pest-Control Properties, John Wiley & Sons, New York, NY, 1988, 470.
Neurotoxic 1 mg/kg ivn dog	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
Pesticide	
Sympathomimetic	
Vasoconstrictor	
Vasopressor	