

# List of All Chemicals

## **P** Anadenanthera peregrina (Fabaceae)

### Common name(s)

Cohoba; Niopo

### 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 parts ...	Low PPM	High PPM	StdDev	*Reference
1,2,3,4-TETRAHYDRO-6-METHOXY-2,9-DIMETHYL-BETA-CARBOLINE	Plant		--	--		*
1,2,3,4-TETRAHYDRO-6-METHOXY-2-METHYL-BETA-CARBOLINE	Plant		--	--		*
5-METHOXY-N,N-DIMETHYLTRYPTAMINE	Bark		--	--		*
<b>Activities (7)</b>						
Antifeedant	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.					
Bronchospasmogenic	=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp					
Hallucinogenic						
Hyperkinetic	=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp					
Hypotensive	=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp					
Pesticide						
Respiradepressant	=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp					
5-METHOXY-N-METHYLTRYPTAMINE	Bark		--	--		*
BUFOTENINE	Plant		--	--		*
<b>Activities (10)</b>						
Antialzheimeran?						
Anticholinesterase 1/30th physostigmine	=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp					
Aphrodisiac	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.					
CNS-Active 5 ipr rat	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 0.1 ipr rat	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.					
Hallucinogenic	Merck 11th Edition					
Hypertensive	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.					
Mydriatic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.					
Respirapalytic	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.					
Serotonergic	Martindale's 29th					
BUFOTENINE-OXIDE	Fruit		--	--		*
CATECHOL	Plant		--	--		*

Activities (22)	
Allelochemic IC50=0.65 mM	Lydon, J. & Duke, S., The potential of pesticides from plants, pp. 1-41 in Craker, L. & Simon, J., eds, Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture, & Pharmacology, v. 4, Oryx Press, Phoenix, 1989, 267pp.
Allergenic	Mitchell, J. and Rook, A.J. 1923. Botanical Dermatology: plants and plant products injurious to the skin. Vancouver: Greengrass, 1979. xiii, 787 p.: ill.
Anticancer (Breast)	Madhavi, D. L., Bomser, J., Smith, M., Singletary, K. 1998. Isolation of Bioactive Constituents from Vaccinium myrtillus (Bilberry) Fruits and Cell Cultures. Plant Sci., 131(1): 95-103.
Antigonadotropic	
Antioxidant	Jim Duke's personal files.
Antiseptic	
Antistomatitic	Economic & Medicinal Plant Research, 5: 197.
Antithiamin	Phenolic Compounds in Food and Their Effects on Health, 69.
Antithyretropic	
Antitumor	
Antitumor (Breast)	Madhavi, D. L., Bomser, J., Smith, M., Singletary, K. 1998. Isolation of Bioactive Constituents from Vaccinium myrtillus (Bilberry) Fruits and Cell Cultures. Plant Sci., 131(1): 95-103.
Antiviral	Economic & Medicinal Plant Research, 5: 197.
Cancer- Preventive	
Carcinogenic 0.8% diet	Jim Duke's personal files.
Carcinogenic 2% diet	
Co-carcinogenic	
Convulsant	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Dermatitigenic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Herbicide	
Pesticide	
Quinone- Reductase- Inducer	Madhavi, D. L., Bomser, J., Smith, M., Singletary, K. 1998. Isolation of Bioactive Constituents from Vaccinium myrtillus (Bilberry) Fruits and Cell Cultures. Plant Sci., 131(1): 95-103.
Tumor-Promoter <0.2% diet	Jim Duke's personal files.

HOMOORIENTINE	Leaf	--	--	*
LEUCOANTHOCYANIN	Plant	--	--	*

Activities (1)				
Antioxidant				
LEUCOPELARGONIDOL	Plant	--	--	*
N,N-DIMETHYLTRYPTAMINE	Fruit	--	--	*
N,N-DIMETHYLTRYPTAMINE-OXIDE	Fruit	--	--	*
N-METHYLTRYPTAMINE	Bark	--	--	*

Activities (1)	
Antitrypanosomic	Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp.

ORIENTIN	Leaf	--	--	*
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Activities (4)	
Antiinflammatory	Fitoterapia No.61: 263, 1990.
Antioxidant	
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.
cAMP-Phosphodiesterase-Inhibitor	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).

SAPONARETIN	Leaf	--	--	*
VITERINE	Leaf	--	--	*