

List of All Chemicals

P Cephalotaxus spp (Cephalotaxaceae)

Common name(s)

Generic Plum Yew

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 <input type="button" value="v"/>	Low PPM	High PPM	StdDev	*Reference
11-HYDROXYCEPHALOTAXINE	Plant		--	--		*
ACETYLCEPHALOTAXINE	Plant		--	--		*
CEPHALOMANNINE	Plant		--	--		*
Activities (3)						
Antileukemic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.					
Antitumor	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.					
Cytotoxic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.					
CEPHALOTAXINE	Plant		--	--		*
Activities (1)						
Antileukemic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.					
CEPHALOTAXINONE	Plant		--	--		*
DEOXYHARRINGTONINE	Plant		--	--		*
Activities (2)						
Antileukemic						
Antitumor	Martindale's 29th					
DESMETHYLCEPHALOTAXINONE	Plant		--	--		*
DRUPACINEHARRINGTONINE	Plant		--	--		*
HOMOERYTHRINA-ALKALOIDS	Plant		--	--		*
HOMOHARRINGTONINE	Plant		--	--		*
Activities (12)						
Anticarcinomic 0.25-1 ppm						
Antileukemic 1 ppm						
Antimalarial	Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp.					
Antimelanomic ED50=0.045 ug/ml	J. Ethnopharmacology, 32: 117.					
Antisarcinomic ED50=2.15 ug/ml	J. Ethnopharmacology, 32: 117.					
Antitumor	Vlietinck, A.J. and Dommissie, R.A. eds. 1985. Advances in Medicinal Plant Research. Wiss. Verlag. Stuttgart.					
Antitumor (Breast) ED50=0.012 ug/ml	J. Ethnopharmacology, 32: 117.					
Antitumor (Colon) ED50=0.0076 ug/ml	J. Ethnopharmacology, 32: 117.					
Antitumor (Lung) ED50=0.019 ug/ml	J. Ethnopharmacology, 32: 117.					
Hypotensive	Martindale's 29th					
MDR-Inhibitor	Qian, Q. J., Han, J. L., Yan, W. W., Yang, C. Z., Han, D. S., Shi, H., Hao, Y. 1996. A Comparative Study on the Mechanism of Homoharringtonine (HHI) and Melphalan (MEL) Resistance in K562/H2O and K562/MEL Cell Lines. Zhonghua Xueyexue Zazhi,17(7):354-356.					
Tachycardic	Martindale's 29th					
ISOHARRINGTONINE	Plant		--	--		*

Activities (2)

Anticancer

Antileukemic

Martindale's 29th