

List of All Chemicals

Tripterygium wilfordiim (Celastraceae)

Common name(s)

Yellow Vine

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
(+)-SYRINGARESINOL	Plant	--	--		*
Activities (4)					
Antioxidant					
Antioxidant EC50=21-28 ug/ml					
Antiradicular EC50=21-28 ug/ml					
Cytotoxic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
(-)-LIRIORESINOL	Plant	--	--		*
CELABENZINE	Plant	--	--		*
Activities (2)					
Insecticide	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
Pesticide					
CELAFaurINE	Plant	--	--		*
CELASTROL	Plant	--	--		*
Activities (2)					
Antimalarial IC50=0.181-0.254 ug/ml	Rukunga, G. and Simons, A. J. 2006. The Potential of Plants as a Source of Antimalarial Agents - A Review. Africa Herbal Antimalaria Meeting. PlantaPhile Publications, Berlin. 72 pp.				
Antiplasmodial IC50=0.181-0.254 ug/ml	Rukunga, G. and Simons, A. J. 2006. The Potential of Plants as a Source of Antimalarial Agents - A Review. Africa Herbal Antimalaria Meeting. PlantaPhile Publications, Berlin. 72 pp.				
LIRIORESINOL	Plant	--	--		*
NEOTRIPTOPHENOLIDE	Plant	--	--		*
TRIPDIOLIDE	Plant	--	--		*
Activities (2)					
Antitumor	Wagner & Wolff, eds. 1977. New Natural Products (RS164. I56. 176)				
Cytotoxic 1 ppm					
TRIPTERIGINE	Plant	--	--		*
TRIPTOLIDE	Root	--	--		*
Activities (3)					
Antileukemic					
Antitumor	Wagner & Wolff, eds. 1977. New Natural Products (RS164. I56. 176)				
Cytotoxic 1 ppm	Biosyn. Prod. Cancer Chemotherapy (Petit et al)				
TRIPTOLIDENOL	Plant	--	--		*
TRIPTONIDE	Plant	--	--		*
Activities (1)					
Antitumor					

TRIPTONOLIDE	Plant	--	--	*
TRIPTONOTOTERPENE	Plant	--	--	*
TRIPTONOTOTERPENE-METHYL-ETHER	Plant	--	--	*
TRIPTOPHENOLIDE	Plant	--	--	*
TRIPTOPHENOLIDE-METHYL-ETHER	Plant	--	--	*
WILFODEINE	Root	--	--	*
WILFORDINE	Root	--	--	*

Activities (2)

Insecticide Pesticide Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.

WILFORGINE	Root	--	--	*
WILFORINE	Root	--	--	*

Activities (3)

Antifeedant Insecticide Pesticide Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.

WILFORLIDES	Plant	--	--	*
WILFORTRINE	Root	--	--	*
WILFORZINE	Root	--	--	*