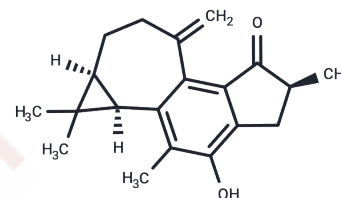


Jatropholone A

Chemical Properties

CAS No. :	71424-66-3
Formula:	C ₂₀ H ₂₄ O ₂
Molecular Weight:	296.40
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Jatropholone A is a type of diterpene derivative of jarophone.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3738 mL	16.8691 mL	33.7382 mL
5 mM	0.6748 mL	3.3738 mL	6.7476 mL
10 mM	0.3374 mL	1.6869 mL	3.3738 mL
50 mM	0.0675 mL	0.3374 mL	0.6748 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Theoduloz C, Rodríguez JA, Pertino M, Schmeda-Hirschmann G. Antiproliferative activity of the diterpenes jatrophone and jatropholone and their derivatives. *Planta Med.* 2009 Nov;75(14):1520-2. doi: 10.1055/s-0029-1185834. Epub 2009 Jun 26. PubMed PMID: 19562659.
- Pertino M, Schmeda-Hirschmann G, Rodríguez JA, Theoduloz C. Gastroprotective effect and cytotoxicity of semisynthetic jatropholone derivatives. *Planta Med.* 2007 Aug;73(10):1095-100. Epub 2007 Aug 9. PubMed PMID: 17691058.
- Pertino M, Schmeda-Hirschmann G, Rodríguez JA, Theoduloz C. Gastroprotective effect and cytotoxicity of terpenes from the Paraguayan crude drug "yagua rova" (*Jatropha isabelli*). *J Ethnopharmacol.* 2007 May 22;111(3):553-9. Epub 2007 Jan 7. PubMed PMID: 17276635.

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