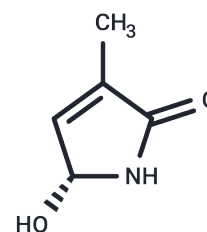


Jatropham

Chemical Properties

CAS No. :	50656-76-3
Formula:	C ₅ H ₇ NO ₂
Molecular Weight:	113.11
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	Jatropham is a natural compound isolated from lily of the valley. It has been shown to have the potential to modulate and reduce the cytotoxic and genotoxic/labile effects of zeocin.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.841 mL	44.2048 mL	88.4095 mL
5 mM	1.7682 mL	8.841 mL	17.6819 mL
10 mM	0.8841 mL	4.4205 mL	8.841 mL
50 mM	0.1768 mL	0.8841 mL	1.7682 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

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- Thomas R, Sah NK, Sharma PB. Therapeutic biology of *Jatropha curcas*: a mini review. *Curr Pharm Biotechnol.* 2008 Aug;9(4):315-24. Review. PubMed PMID: 18691091.
- Vachálková A, Eisenreichová E, Haladová M, Mucaji P, Józová B, Novotný L. Potential carcinogenic and inhibitory activity of compounds isolated from *Lilium candidum* L. *Neoplasma.* 2000;47(5):313-8. PubMed PMID: 11130250.
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