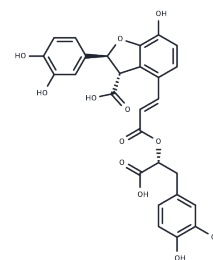


lithospermic acid

Chemical Properties

CAS No. :	28831-65-4
Formula:	C ₂₇ H ₂₂ O ₁₂
Molecular Weight:	538.46
Appearance:	no data available
Storage:	keep away from direct sunlight,store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	lithospermic acid is a potent anti-HIV agent and shows anti-gonadotrophic and anti-thyroidal effects.
Targets(IC50)	HIV Protease

Solubility Information

Solubility	DMSO: 45 mg/mL (83.57 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8571 mL	9.2857 mL	18.5715 mL
5 mM	0.3714 mL	1.8571 mL	3.7143 mL
10 mM	0.1857 mL	0.9286 mL	1.8571 mL
50 mM	0.0371 mL	0.1857 mL	0.3714 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.

Reference

Xiuli W, Wei G, Mao S. Pharmacokinetic investigation on interaction between hydrophilic lithospermic acid B and lipophilic tanshinone IIA in rats: an experimental study. J Tradit Chin Med. 2015 Apr;35(2):206-10.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481