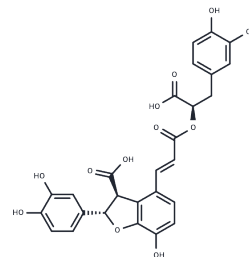


lithospermic acid

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),Sonication is recommended. PBS: 100 mg/mL (185.71 mM),Sonication is recommended. (< 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

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