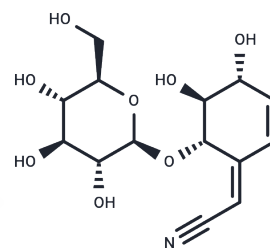


Lithospermoside

Chemical Properties

CAS No. :	63492-69-3
Formula:	C ₁₄ H ₁₉ N ₀ O ₈
Molecular Weight:	329.30
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	Lithospermoside (Griffonin) has anti-oxidant, anti-tumor promoting activities.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55.00 mg/mL (167.02 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	3.0367 mL	15.1837 mL	30.3674 mL
5 mM	0.6073 mL	3.0367 mL	6.0735 mL
10 mM	0.3037 mL	1.5184 mL	3.0367 mL
50 mM	0.0607 mL	0.3037 mL	0.6073 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

- Tih AE, et al. Minor biflavonoids from *Lophira alata* leaves. *J Nat Prod.* 2006 Aug;69(8):1206-8.
Erdemgil FZ, et al. Thalictricoside, a new phenolic compound from *Thalictrum orientale*. *Z Naturforsch C.* 2003 Sep-Oct;58(9-10):632-6.

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