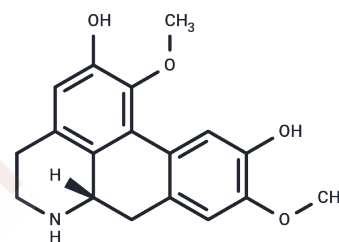


Laetanine

Chemical Properties

CAS No. : 72361-67-2
 Formula: C₁₈H₁₉NO₄
 Molecular Weight: 313.35
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Laetanine, exhibits antiplasmodial activity, a noraporphine alkaloid from <i>Litsea laeta</i> .
Targets(IC50)	Parasite

Solubility Information

Solubility	DMSO: 30 mg/mL (95.74 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	3.1913 mL	15.9566 mL	31.9132 mL
5 mM	0.6383 mL	3.1913 mL	6.3826 mL
10 mM	0.3191 mL	1.5957 mL	3.1913 mL
50 mM	0.0638 mL	0.3191 mL	0.6383 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

Omar H, et al. Aporphine alkaloids with in vitro antiplasmodial activity from the leaves of *Phoebe tavoyana*. J Asian Nat Prod Res. 2019 Mar 21:1-9.

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