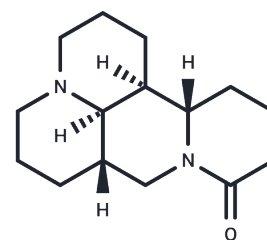


L-Sophoridine

Chemical Properties

CAS No. :	83148-91-8
Formula:	C ₁₅ H ₂₄ N ₂ O
Molecular Weight:	248.36
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	L-Sophoridine (Matridin-15-one) , a natural product obtained from medicinal plants, which has a variety of pharmacological effects, including anti-Y effects, and selectively induces apoptotic cell death in a variety of human Y cells in vitro and in vivo; however, its mechanism of action needs to be further elaborated.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 22.5 mg/mL (90.59 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0264 mL	20.1321 mL	40.2641 mL
5 mM	0.8053 mL	4.0264 mL	8.0528 mL
10 mM	0.4026 mL	2.0132 mL	4.0264 mL
50 mM	0.0805 mL	0.4026 mL	0.8053 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

Liu J, et al. 2015 May;31(5):585-9, 595. Chinese.

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