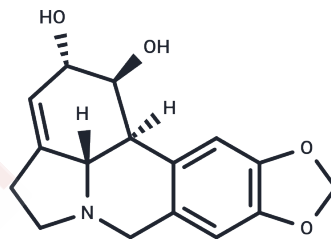


Lycorine

Chemical Properties

CAS No. :	476-28-8
Formula:	C ₁₆ H ₁₇ NO ₄
Molecular Weight:	287.31
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Lycorine (Narcissine) inhibits protein synthesis and may inhibit ascorbic acid biosynthesis, although studies on the latter are controversial and inconclusive.
Targets(IC50)	Apoptosis,Antibacterial,AChR,Fatty Acid Synthase,Virus Protease

Solubility Information

Solubility	DMSO: 5.63 mg/mL (19.58 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	3.4806 mL	17.4028 mL	34.8056 mL
5 mM	0.6961 mL	3.4806 mL	6.9611 mL
10 mM	0.3481 mL	1.7403 mL	3.4806 mL
50 mM	0.0696 mL	0.3481 mL	0.6961 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

Vrijssen R. Biol. Chem. 1986, 261 (2): 505-7.

Zhuo F F, Li L, Liu T T, et al.Lycorine promotes IDH1 acetylation to induce mitochondrial dynamics imbalance in colorectal cancer cells.Cancer Letters.2023: 216364.

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