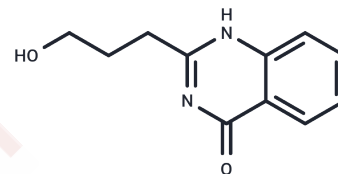


Pegamine

Chemical Properties

CAS No. :	31431-93-3
Formula:	C ₁₁ H ₁₂ N ₂ O ₂
Molecular Weight:	204.23
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	pegamine is a natural product found in Peganum harmala and Peganum nigellastrum, which are novel alkaloids.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 6.25 mg/mL (30.6 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	4.8964 mL	24.4822 mL	48.9644 mL
5 mM	0.9793 mL	4.8964 mL	9.7929 mL
10 mM	0.4896 mL	2.4482 mL	4.8964 mL
50 mM	0.0979 mL	0.4896 mL	0.9793 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

- Tzelepi K, et al. Galactose:PEGamine coated gold nanoparticles adhere to filopodia and cause extrinsic apoptosis. *Nanoscale Adv.* 2018;1(2):807-816.
- Fang J, et al. Efficient syntheses of 2,3-disubstituted natural quinazolinones via iridium catalysis. *Org Biomol Chem.* 2012;10(12):2389-2391.

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