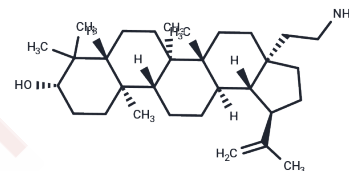


28-Deoxybetulin methyleneamine

Chemical Properties

CAS No. :	1025068-94-3
Formula:	C ₃₁ H ₅₃ NO
Molecular Weight:	455.771
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	28-Deoxybetulin methyleneamine is a pentacyclic triterpenoid and derivative of the cholesterol biosynthesis inhibitor betulin. It has been used in the synthesis of triterpene derivatives with antiviral activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMF: 1 mg/mL (2.19 mM), Sonication is recommended. Ethanol: 1 mg/mL (2.19 mM), Sonication is recommended. DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1941 mL	10.9704 mL	21.9409 mL
5 mM	0.4388 mL	2.1941 mL	4.3882 mL
10 mM	0.2194 mL	1.097 mL	2.1941 mL
50 mM	0.0439 mL	0.2194 mL	0.4388 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

Nitz, T.J., Montalbetti, C., Mears, R., et al. Extended Triterpene Derivatives(2008)

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