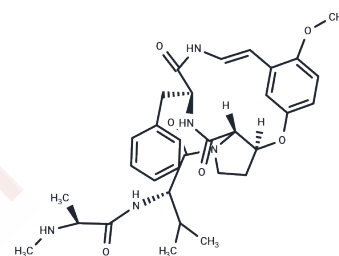


Nummularine B

Chemical Properties

CAS No. :	53947-96-9
Formula:	C ₃₂ H ₄₁ N ₅ O ₆
Molecular Weight:	591.709
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	Nummularine B is a cyclopeptide alkaloid. It has antiviral activity against the porcine epidemic diarrhea virus. It also has potent inhibitory effects on PEDV replication.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.690 mL	8.4501 mL	16.9002 mL
5 mM	0.338 mL	1.690 mL	3.380 mL
10 mM	0.169 mL	0.845 mL	1.690 mL
50 mM	0.0338 mL	0.169 mL	0.338 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

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Panseeta P, Lomchoey K, Prabpai S, Kongsaree P, Suksamrarn A, Ruchirawat S, Suksamrarn S. Antiplasmodial and antimycobacterial cyclopeptide alkaloids from the root of *Ziziphus mauritiana*. *Phytochemistry*. 2011 Jun;72(9):909-15. doi: 10.1016/j.phytochem.2011.03.003. Epub 2011 Mar 28. PubMed PMID: 21450320.

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