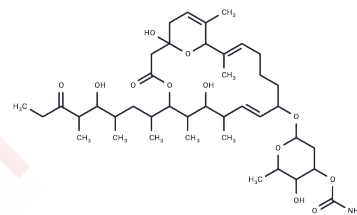


17-hydroxy Venturicidin A

Chemical Properties

CAS No. :	113204-43-6
Formula:	C41H67NO12
Molecular Weight:	765.982
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	17-hydroxy Venturicidin A is a macrolide fungal metabolite originally isolated from Streptomyces. It has antibiotic activity against <i>M. luteus</i> , <i>B. subtilis</i> , and <i>S. aureus</i> and antifungal activity against <i>V. dahlia</i> , <i>Fusarium</i> , and <i>C. tropicalis</i> in a disc assay.
Targets(IC50)	Others,Antibacterial

Solubility Information

Solubility	Methanol: Soluble Ethanol: 1 mg/mL (1.31 mM),Sonication is recommended. DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3055 mL	6.5276 mL	13.0552 mL
5 mM	0.2611 mL	1.3055 mL	2.611 mL
10 mM	0.1306 mL	0.6528 mL	1.3055 mL
50 mM	0.0261 mL	0.1306 mL	0.2611 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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