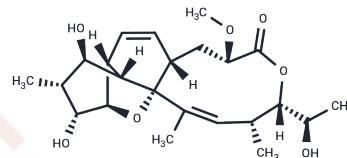


Nodusmicin

Chemical Properties

CAS No. :	76265-48-0
Formula:	C ₂₃ H ₃₄ O ₇
Molecular Weight:	422.51
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	Nodusmicin is a macrolide antibiotic. It has activity against antibiotic-susceptible and -resistant <i>S. aureus</i> with MIC values of 125, 250, and 250 µg/ml for UC-76, UC-6685, and UC-6690 strains, respectively.
Targets(IC50)	Others,Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: Soluble DMF: Soluble Ethanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3668 mL	11.834 mL	23.6681 mL
5 mM	0.4734 mL	2.3668 mL	4.7336 mL
10 mM	0.2367 mL	1.1834 mL	2.3668 mL
50 mM	0.0473 mL	0.2367 mL	0.4734 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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