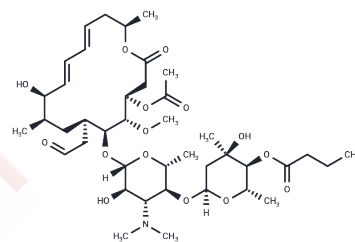


Leucomycin A4

Chemical Properties

CAS No. :	18361-46-1
Formula:	C41H67NO15
Molecular Weight:	813.979
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	Leucomycin A4 is a macrolide antibiotic that has been found in <i>S. kitasatoensis</i> . It is active against a variety of bacteria, including <i>S. aureus</i> , <i>B. subtilis</i> , <i>C. diphtheriae</i> , <i>N. gonorrhoeae</i> , and <i>H. influenzae</i> (MICs = 0.15, 1.25, 0.15, 0.6, and 0.15 µg/ml, respectively).
Targets(IC50)	Others,Antibacterial,Antibiotic

Solubility Information

Solubility	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	1.2285 mL	6.1427 mL	12.2853 mL
5 mM	0.2457 mL	1.2285 mL	2.4571 mL
10 mM	0.1229 mL	0.6143 mL	1.2285 mL
50 mM	0.0246 mL	0.1229 mL	0.2457 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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