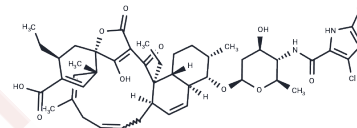


Decatromicin B

Chemical Properties

CAS No. :	235097-64-0
Formula:	C45H56Cl2N2O10
Molecular Weight:	855.85
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	Decatromicin B is a bacterial metabolite that has been found in Actinomadura. It is active against Gram-positive bacteria, including several strains of <i>S. aureus</i> (MICs = 0.39-0.78 µg/ml), two strains of methicillin-resistant <i>S. aureus</i> (MRSA; MICs = 0.39 and 0.78 µg/ml), as well as <i>M. luteus</i> , <i>B. subtilis</i> , and <i>C. bovis</i> (MICs = 0.78, 0.78, and 6.25 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	1.1684 mL	5.8421 mL	11.6843 mL
5 mM	0.2337 mL	1.1684 mL	2.3369 mL
10 mM	0.1168 mL	0.5842 mL	1.1684 mL
50 mM	0.0234 mL	0.1168 mL	0.2337 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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