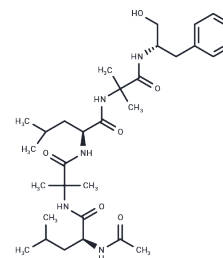


Peptaibolin

Chemical Properties

CAS No. :	219637-06-6
Formula:	C ₃₁ H ₅₁ N ₅ O ₆
Molecular Weight:	589.77
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	Peptaibolin exhibits activity against Gram-positive bacteria and yeast. The minimum inhibitory concentration (MIC) for its effect on Bacillus subtilis [ATCC 6633] and Candida albicans is 100 µg/mL.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6956 mL	8.4779 mL	16.9558 mL
5 mM	0.3391 mL	1.6956 mL	3.3912 mL
10 mM	0.1696 mL	0.8478 mL	1.6956 mL
50 mM	0.0339 mL	0.1696 mL	0.3391 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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