

Maximin 28

Chemical Properties

CAS No. :

Formula: C125H211N33O35

Molecular Weight: 2736.21

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	Maximin 28, an antimicrobial peptide isolated from toad brain tissue, exhibits activity against various bacterial strains, including Staphylococcus aureus, Escherichia coli, and Bacillus subtilis, with respective minimum inhibitory concentrations (MIC) of 4.7, 9.4, and 75 µg/mL [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3655 mL	1.8273 mL	3.6547 mL
5 mM	0.0731 mL	0.3655 mL	0.7309 mL
10 mM	0.0365 mL	0.1827 mL	0.3655 mL
50 mM	0.0073 mL	0.0365 mL	0.0731 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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