

Maximin 31

Chemical Properties

CAS No. :

Formula: C107H181N31O29

Molecular Weight: 2365.77

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	Maximin 31, an antimicrobial peptide originating from toad brain, exhibits activity against Staphylococcus aureus and Escherichia coli, exhibiting Minimum Inhibitory Concentration (MIC) values of 37.5 and 75 µg/mL, respectively [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4227 mL	2.1135 mL	4.227 mL
5 mM	0.0845 mL	0.4227 mL	0.8454 mL
10 mM	0.0423 mL	0.2113 mL	0.4227 mL
50 mM	0.0085 mL	0.0423 mL	0.0845 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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