

Maximin 15

Chemical Properties

CAS No. :

Formula: C121H211N33O34

Molecular Weight: 2672.17

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 15, an antimicrobial peptide originating from toad brain, exhibits activity against Staphylococcus aureus, Escherichia coli, and Bacillus subtilis, with respective minimum inhibitory concentration (MIC) values of 9.4, 18.8, and 75 µg/mL [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3742 mL	1.8711 mL	3.7423 mL
5 mM	0.0748 mL	0.3742 mL	0.7485 mL
10 mM	0.0374 mL	0.1871 mL	0.3742 mL
50 mM	0.0075 mL	0.0374 mL	0.0748 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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