

## Maximin 39

## Chemical Properties

CAS No. :

Formula: C131H215N33O34

Molecular Weight: 2796.31

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 39, an antimicrobial peptide originating from toad brain, exhibits activity against Staphylococcus aureus and Escherichia coli, demonstrating minimum inhibitory concentration (MIC) values of 18.8 µg/mL and 37.5 µg/mL, respectively [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3576 mL	1.7881 mL	3.5761 mL
5 mM	0.0715 mL	0.3576 mL	0.7152 mL
10 mM	0.0358 mL	0.1788 mL	0.3576 mL
50 mM	0.0072 mL	0.0358 mL	0.0715 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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