

## Maximin 42

## Chemical Properties

CAS No. :

Formula: C139H223N33O34

Molecular Weight: 2900.46

Keep away from moisture

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 42 is an antimicrobial peptide with antibacterial activity against <i>S. aureus</i> (MIC: 37.5 µg/mL) and exhibits hemolytic activities against human red cells [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3448 mL	1.7239 mL	3.4477 mL
5 mM	0.069 mL	0.3448 mL	0.6895 mL
10 mM	0.0345 mL	0.1724 mL	0.3448 mL
50 mM	0.0069 mL	0.0345 mL	0.069 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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