

## Maximin 68

## Chemical Properties

CAS No. :

Formula: C92H168N26O23

Molecular Weight: 2006.48

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 68, an antimicrobial peptide, exhibits antibacterial activity against <i>C. albicans</i> , <i>S. aureus</i> , <i>E. coli</i> , and <i>B. subtilis</i> , with MIC values of 18.8, 9.4, 37.5, and 9.4 µg/mL, respectively. It also possesses hemolytic activities against human and rabbit red blood cells [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4984 mL	2.4919 mL	4.9839 mL
5 mM	0.0997 mL	0.4984 mL	0.9968 mL
10 mM	0.0498 mL	0.2492 mL	0.4984 mL
50 mM	0.010 mL	0.0498 mL	0.0997 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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