

Maximin H39

Chemical Properties

CAS No. :

Formula: C92H166N24O21

Molecular Weight: 1944.45

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 H39, an antimicrobial peptide, exhibits antibacterial activity against <i>C. albicans</i> , <i>S. aureus</i> , and <i>B. subtilis</i> with minimum inhibitory concentrations (MIC) of 9.4, 9.4, and 18.8 µg/mL, respectively. It also demonstrates hemolytic activities against human and rabbit red cells [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5143 mL	2.5714 mL	5.1428 mL
5 mM	0.1029 mL	0.5143 mL	1.0286 mL
10 mM	0.0514 mL	0.2571 mL	0.5143 mL
50 mM	0.0103 mL	0.0514 mL	0.1029 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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