

Maximin 78

Chemical Properties

CAS No. :

Formula: C119H205N33O32

Molecular Weight: 2610.1

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 78 is an antimicrobial peptide with antibacterial activity against <i>C. albicans</i> , <i>S. aureus</i> , and <i>B. subtilis</i> , exhibiting minimum inhibitory concentrations (MIC) of 37.5, 4.7, and 37.5 µg/mL, respectively. Additionally, this compound has hemolytic activities against human and rabbit red cells [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3831 mL	1.9156 mL	3.8313 mL
5 mM	0.0766 mL	0.3831 mL	0.7663 mL
10 mM	0.0383 mL	0.1916 mL	0.3831 mL
50 mM	0.0077 mL	0.0383 mL	0.0766 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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