

Maximin 49

Chemical Properties

CAS No. :

Formula: C120H209N33O33

Molecular Weight: 2642.14

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 49, an antimicrobial peptide, exhibits antibacterial activity against <i>S. aureus</i> (MIC: 18.8 µg/mL) and demonstrates hemolytic activities on human and rabbit red cells [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3785 mL	1.8924 mL	3.7848 mL
5 mM	0.0757 mL	0.3785 mL	0.757 mL
10 mM	0.0378 mL	0.1892 mL	0.3785 mL
50 mM	0.0076 mL	0.0378 mL	0.0757 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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