

Im6

Chemical Properties

CAS No. :

Formula: C86H134N18O18

Molecular Weight: 1708.09

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	Im6, an antimicrobial peptide, exhibits activity against Gram-positive bacteria, specifically <i>S. aureus</i> and <i>B. subtilis</i> [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5854 mL	2.9272 mL	5.8545 mL
5 mM	0.1171 mL	0.5854 mL	1.1709 mL
10 mM	0.0585 mL	0.2927 mL	0.5854 mL
50 mM	0.0117 mL	0.0585 mL	0.1171 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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