

ASP-1

Chemical Properties

CAS No. :

Formula: C42H59N7O10

Molecular Weight: 821.96

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	ASP-1 is a potent antistaphylococcal peptide, exhibiting minimum inhibitory concentrations (MICs) ranging from 2 µg/mL to 64 µg/mL against both <i>S. aureus</i> and methicillin-resistant <i>S. aureus</i> (MRSA) [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2166 mL	6.083 mL	12.166 mL
5 mM	0.2433 mL	1.2166 mL	2.4332 mL
10 mM	0.1217 mL	0.6083 mL	1.2166 mL
50 mM	0.0243 mL	0.1217 mL	0.2433 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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