

## Amp1EP9

## Chemical Properties

CAS No. :

Formula: C90H173N21O16

Molecular Weight: 1805.47

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	Amp1EP9, an antimicrobial peptide, serves as a potent and non-toxic candidate for the development of effective antimicrobial agents. It holds promise for research into multidrug-resistant bacterial infections [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5539 mL	2.7694 mL	5.5387 mL
5 mM	0.1108 mL	0.5539 mL	1.1077 mL
10 mM	0.0554 mL	0.2769 mL	0.5539 mL
50 mM	0.0111 mL	0.0554 mL	0.1108 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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