

CP7-FP13-2

Chemical Properties

CAS No. : 3032621-32-9

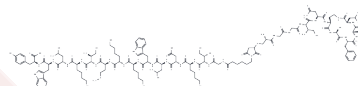
Formula: C145H224N34O31S2

Molecular Weight: 3003.67

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	CP7-FP13-2 is a polypeptide with properties that counteract virulence factors and exhibit antimicrobial activity. It effectively inhibits the formation of Staphylococcus aureus biofilms and demonstrates significant antibacterial efficacy in mice.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3329 mL	1.6646 mL	3.3293 mL
5 mM	0.0666 mL	0.3329 mL	0.6659 mL
10 mM	0.0333 mL	0.1665 mL	0.3329 mL
50 mM	0.0067 mL	0.0333 mL	0.0666 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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