

P-113D

Chemical Properties

CAS No. : 348641-28-1

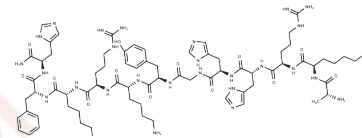
Formula: C71H110N28O13

Molecular Weight: 1563.81

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	P-113D is an antimicrobial peptide with effective antibacterial activity against <i>Pseudomonas aeruginosa</i> , suitable for cystic fibrosis research. It exhibits a minimum inhibitory concentration (MIC) of 3.1 µg/mL against ATCC 27853.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6395 mL	3.1973 mL	6.3946 mL
5 mM	0.1279 mL	0.6395 mL	1.2789 mL
10 mM	0.0639 mL	0.3197 mL	0.6395 mL
50 mM	0.0128 mL	0.0639 mL	0.1279 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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