

Hp1404

## Chemical Properties

CAS No. : 2249769-83-1

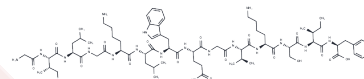
Formula: C75H119N17O18

Molecular Weight: 1546.85

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	Hp1404 is a novel cationic antimicrobial peptide with specific inhibitory activity against Gram-positive bacteria, including Laburnetin-resistant Staphylococcus aureus (MRSA). Its antibacterial properties, low toxicity, and low likelihood of inducing resistance make it a useful candidate for antimicrobial agent research.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6465 mL	3.2324 mL	6.4648 mL
5 mM	0.1293 mL	0.6465 mL	1.293 mL
10 mM	0.0646 mL	0.3232 mL	0.6465 mL
50 mM	0.0129 mL	0.0646 mL	0.1293 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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