

Bac8c

## Chemical Properties

CAS No. : 1391837-43-6

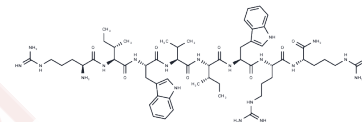
Formula: C57H90N20O8

Molecular Weight: 1183.45

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	Bac8c is an antimicrobial peptide exhibiting potent activity against both Gram-negative and Gram-positive bacteria. The minimum inhibitory concentrations (MIC) of Bac8c for <i>S. aureus</i> , MRSA, <i>S. epidermidis</i> , <i>E. coli</i> , and <i>P. aeruginosa</i> are 2, 8, 4, 4, and 4 µg/mL, respectively.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.845 mL	4.2249 mL	8.4499 mL
5 mM	0.169 mL	0.845 mL	1.690 mL
10 mM	0.0845 mL	0.4225 mL	0.845 mL
50 mM	0.0169 mL	0.0845 mL	0.169 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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