

Melimine

Chemical Properties

CAS No. :

Formula: C158H290N74O35

Molecular Weight: 3786.47

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 | Melimine, a hybrid antimicrobial peptide derived from Melittin and Protamine, exhibits broad-spectrum activity against various microorganisms, including bacteria (<i>P. aeruginosa</i> , <i>S. aureus</i>), fungi, and protozoa [1] [2]. |
| Targets(IC50) | Antibacterial,Parasite,Antifungal |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.2641 mL | 1.3205 mL | 2.641 mL |
| 5 mM | 0.0528 mL | 0.2641 mL | 0.5282 mL |
| 10 mM | 0.0264 mL | 0.132 mL | 0.2641 mL |
| 50 mM | 0.0053 mL | 0.0264 mL | 0.0528 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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