

Bombinin H4

Chemical Properties

CAS No. :

Formula: C91H165N23O21

Molecular Weight: 1917.43

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	Bombinin H4, an antimicrobial peptide from the skin of the moth species <i>Bombina variegata</i> , exhibits potent bactericidal activity with lethal concentrations of 4.8 μ M against <i>Escherichia coli</i> D21 and 3.3 μ M against <i>Staphylococcus aureus</i> Cowan 1 [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5215 mL	2.6077 mL	5.2153 mL
5 mM	0.1043 mL	0.5215 mL	1.0431 mL
10 mM	0.0522 mL	0.2608 mL	0.5215 mL
50 mM	0.0104 mL	0.0522 mL	0.1043 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.

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