

## Bactenecin 5

## Chemical Properties

CAS No. :

Formula: C255H382N70O45

Molecular Weight: 5148.2

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	Bactenecin 5, a bovine antibacterial peptide, exhibits activity against Escherichia coli, Salmonella typhimurium, and Klebsiella pneumoniae, with minimum inhibitory concentration (MIC) values ranging from 12-25 µg/mL [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1942 mL	0.9712 mL	1.9424 mL
5 mM	0.0388 mL	0.1942 mL	0.3885 mL
10 mM	0.0194 mL	0.0971 mL	0.1942 mL
50 mM	0.0039 mL	0.0194 mL	0.0388 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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