

## Bactenecin 7

## Chemical Properties

CAS No. :	123938-70-5
Formula:	C323H526N110060
Molecular Weight:	6910.33
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Bactenecin 7, an antibacterial peptide, demonstrates activity in inhibiting Enterobacter cloacae growth, with minimum inhibitory concentrations (MICs) ranging from 25 to 200µg/ml [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1447 mL	0.7236 mL	1.4471 mL
5 mM	0.0289 mL	0.1447 mL	0.2894 mL
10 mM	0.0145 mL	0.0724 mL	0.1447 mL
50 mM	0.0029 mL	0.0145 mL	0.0289 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481