

Bovine neutrophil beta-defensin 12

Chemical Properties

CAS No. :	455257-02-0
Formula:	C174H281N57O44S7
Molecular Weight:	4099.9
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	Bovine neutrophil beta-defensin 12, an antimicrobial peptide originating from bovine neutrophils, exhibits antibacterial properties against Escherichia coli and Staphylococcus aureus [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2439 mL	1.2195 mL	2.4391 mL
5 mM	0.0488 mL	0.2439 mL	0.4878 mL
10 mM	0.0244 mL	0.122 mL	0.2439 mL
50 mM	0.0049 mL	0.0244 mL	0.0488 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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