

Beta-defensin 1, pig

Chemical Properties

CAS No. :

Formula: C321H534N92O90S9

Molecular Weight: 7410.9

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	Beta-defensin 1, pig, is an antimicrobial peptide predominantly located in the tongue mucosa of pigs. It exhibits activity against a variety of bacteria including Escherichia coli, Salmonella typhimurium, Listeria monocytogenes, Staphylococcus aureus, Bordetella pertussis, and the fungus Candida albicans [1] [2].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1349 mL	0.6747 mL	1.3494 mL
5 mM	0.027 mL	0.1349 mL	0.2699 mL
10 mM	0.0135 mL	0.0675 mL	0.1349 mL
50 mM	0.0027 mL	0.0135 mL	0.027 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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