

Beta-defensin 1, pig TFA

Chemical Properties

CAS No. :

Formula: C323H535N92F3O92S9

Molecular Weight: 7524.92

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 TFA, an antimicrobial peptide predominantly located in the tongue mucosa of pigs, exhibits activity against a diverse range 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	0.1329 mL	0.6645 mL	1.3289 mL
5 mM	0.0266 mL	0.1329 mL	0.2658 mL
10 mM	0.0133 mL	0.0664 mL	0.1329 mL
50 mM	0.0027 mL	0.0133 mL	0.0266 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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