

PGLa acetate

Chemical Properties

CAS No. :

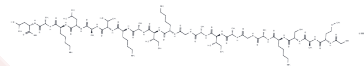
Formula: C90H166N26O24S

Molecular Weight: 2028.51

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	PGLa acetate is a 21-residue member of the magainin family of antibiotic peptides.
Targets(IC50)	Antibacterial, Antibiotic
In vitro	PGLa has bacteriostatic activity against both Gram-positive and Gram-negative bacteria. The MIC values are 64 and 32 mg/L for Staphylococcus aureus and Escherichia coli, respectively[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.493 mL	2.4649 mL	4.9297 mL
5 mM	0.0986 mL	0.493 mL	0.9859 mL
10 mM	0.0493 mL	0.2465 mL	0.493 mL
50 mM	0.0099 mL	0.0493 mL	0.0986 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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