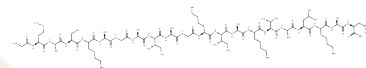


PGLa

Chemical Properties

CAS No. :	102068-15-5
Formula:	C88H162N26O22S
Molecular Weight:	1968.45
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	PGLa is a cationic antimicrobial peptide (AMP) originally isolated from frog. It has been shown to have antibacterial, antifungal, and antiviral activities.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.508 mL	2.5401 mL	5.0801 mL
5 mM	0.1016 mL	0.508 mL	1.016 mL
10 mM	0.0508 mL	0.254 mL	0.508 mL
50 mM	0.0102 mL	0.0508 mL	0.1016 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.

Reference

Bechinger B, et al. Structure and dynamics of the antibiotic peptide PGLa in membranes by solution and solid-state nuclear magnetic resonance spectroscopy. Biophys J. 1998 Feb;74(2 Pt 1):981-7.

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