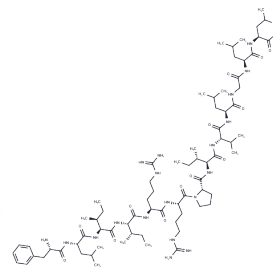


Peptide 5g

Chemical Properties

CAS No. :	908065-91-8
Formula:	C75H131N19O14
Molecular Weight:	1522.96
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	Peptide 5g, an antimicrobial peptide, inhibits E. coli, S. aureus, and C. albicans, exhibiting minimum inhibitory concentration (MIC) values of 30, 10, and 12.5 µg/mL, respectively [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6566 mL	3.2831 mL	6.5662 mL
5 mM	0.1313 mL	0.6566 mL	1.3132 mL
10 mM	0.0657 mL	0.3283 mL	0.6566 mL
50 mM	0.0131 mL	0.0657 mL	0.1313 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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