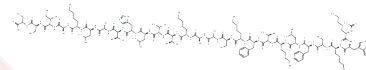


Peceleganan

Chemical Properties

CAS No. :	850761-47-6
Formula:	C138H226N36O34
Molecular Weight:	2933.5
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	Peceleganan (PL-5), a synthetic hybrid peptide, combines cecropin A (1-10) and melittin B (3-18) sequences to form a (10+16)-peptide analogue with antimicrobial properties. This compound effectively inhibits wound infections [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3409 mL	1.7044 mL	3.4089 mL
5 mM	0.0682 mL	0.3409 mL	0.6818 mL
10 mM	0.0341 mL	0.1704 mL	0.3409 mL
50 mM	0.0068 mL	0.0341 mL	0.0682 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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