

Peceleganan acetate

Chemical Properties

CAS No. :

Formula: C140H230N36O36

Molecular Weight: 2993.55

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	Peceleganan acetate (PL-5), a synthetic hybrid analogue combining segments of cecropin A (1-10) and melittin B (3-18) to form a (10+16)-peptide, demonstrates antimicrobial properties. It is specifically effective in inhibiting wound infections [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3341 mL	1.6703 mL	3.3405 mL
5 mM	0.0668 mL	0.3341 mL	0.6681 mL
10 mM	0.0334 mL	0.167 mL	0.3341 mL
50 mM	0.0067 mL	0.0334 mL	0.0668 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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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481