

cPcAMP1/26

## Chemical Properties

CAS No. :

Formula: C164H239N33O30

Molecular Weight: 3152.86

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	cPcAMP1/26, an antimicrobial peptide, exhibits potent bactericidal activity against <i>A. hydrophila</i> and <i>S. aureus</i> by inducing depolarization of the bacterial plasma membrane and elevating intracellular ROS (Reactive Oxygen Species) levels [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3172 mL	1.5859 mL	3.1717 mL
5 mM	0.0634 mL	0.3172 mL	0.6343 mL
10 mM	0.0317 mL	0.1586 mL	0.3172 mL
50 mM	0.0063 mL	0.0317 mL	0.0634 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