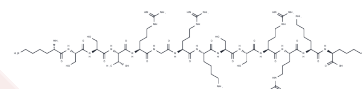


CHRG01

Chemical Properties

CAS No. : 646038-39-3
 Formula: C₆₆H₁₂₈N₃O₂₀
 Molecular Weight: 1661.91
 Storage: Keep away from moisture
 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	CHRG01, a biologically active peptide, originates from the C-terminal amino acids 54 to 67 of human β -defensin 3 (hBD-3), with a modified structure wherein all cysteine (Cys) residues are replaced by serine (Ser) to eliminate disulfide bond linkages. Like its parent compound hBD-3, CHRG01 exhibits antimicrobial properties that are dependent on electrostatic interactions.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6017 mL	3.0086 mL	6.0172 mL
5 mM	0.1203 mL	0.6017 mL	1.2034 mL
10 mM	0.0602 mL	0.3009 mL	0.6017 mL
50 mM	0.012 mL	0.0602 mL	0.1203 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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