

SYNV-cyclo(CGGYF)

Chemical Properties

CAS No. :

Formula: C46H58N10O13S

Molecular Weight: 991.08

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	SYNV-cyclo(CGGYF), a C5 autoinducing peptide from Staphylococcus hominis (S. hominis), demonstrates inhibitory effects on Staphylococcus aureus (S. aureus) activity. This compound shows promise in research focused on addressing S. aureus-mediated epithelial damage and inflammation [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.009 mL	5.045 mL	10.090 mL
5 mM	0.2018 mL	1.009 mL	2.018 mL
10 mM	0.1009 mL	0.5045 mL	1.009 mL
50 mM	0.0202 mL	0.1009 mL	0.2018 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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