

SYNV-cyclo(CGGYF) TFA

Chemical Properties

CAS No. :

Formula: C48H59F3N10O15S

Molecular Weight: 1105.1

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) TFA, a C5 autoinducing peptide derived from Staphylococcus hominis (S. hominis), demonstrates inhibition of S. aureus activity, holding potential for research into S. aureus-mediated epithelial damage and inflammation [1]. |
| Targets(IC50) | Antibacterial |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.9049 mL | 4.5245 mL | 9.049 mL |
| 5 mM | 0.181 mL | 0.9049 mL | 1.8098 mL |
| 10 mM | 0.0905 mL | 0.4524 mL | 0.9049 mL |
| 50 mM | 0.0181 mL | 0.0905 mL | 0.181 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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