

Gageotetrin B

Chemical Properties

CAS No. : 1536405-81-8

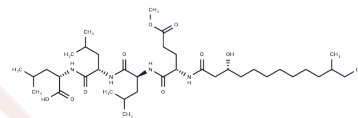
Formula: C38H70N4O9

Molecular Weight: 726.98

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 | Gageotetrin B exhibits antimicrobial properties, demonstrating higher potency against fungi than bacteria, as evidenced by its MIC (Minimum Inhibitory Concentration) values ranging from 0.01 to 0.04 μM [1]. |
| Targets(IC50) | Antibacterial, Antifungal |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.3756 mL | 6.8778 mL | 13.7555 mL |
| 5 mM | 0.2751 mL | 1.3756 mL | 2.7511 mL |
| 10 mM | 0.1376 mL | 0.6878 mL | 1.3756 mL |
| 50 mM | 0.0275 mL | 0.1376 mL | 0.2751 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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