

EP5-1

Chemical Properties

CAS No. :

Formula: C16H27N5O8S

Molecular Weight: 449.48

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 | EP5-1 is an antimicrobial peptide with antibacterial, antifungal, antitumor, and antiviral properties, notably inducing apoptosis in cancer cells and demonstrating activity against the pseudorabies virus (PRV) [1]. |
| Targets(IC50) | Apoptosis, Antibacterial, Antifungal |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 2.2248 mL | 11.124 mL | 22.2479 mL |
| 5 mM | 0.445 mL | 2.2248 mL | 4.4496 mL |
| 10 mM | 0.2225 mL | 1.1124 mL | 2.2248 mL |
| 50 mM | 0.0445 mL | 0.2225 mL | 0.445 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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