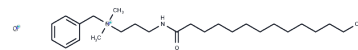


Myramistin

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 15809-19-5 |
| Formula: | C ₂₆ H ₄₇ ClN ₂ O |
| Molecular Weight: | 439.117 |
| 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 | Myramistin (Miramistin) is an antimicrobial agent that targets the bacterial (bacterial) cell membrane. By utilizing its cationic properties, Myramistin binds to the negatively charged surface of bacteria, disrupting the integrity of the bacterial cell membrane, inhibiting bacterial metabolism and growth, and inducing cell death, thereby exhibiting its antibacterial activity. |
| Targets(IC50) | Antibacterial |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.2773 mL | 11.3864 mL | 22.7728 mL |
| 5 mM | 0.4555 mL | 2.2773 mL | 4.5546 mL |
| 10 mM | 0.2277 mL | 1.1386 mL | 2.2773 mL |
| 50 mM | 0.0455 mL | 0.2277 mL | 0.4555 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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