

Antibacterial agent 235

Chemical Properties

CAS No. :

Formula: C₂₅H₄₅BrN₂O₂

Molecular Weight: 485.54

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 | Compound thy2I, also known as Anti bacterial agent 235, exhibits antibacterial activity with a minimum inhibitory concentration (MIC) ranging from 0.5 µg/mL to 8 µg/mL. This compound effectively targets and kills both Gram-positive and Gram-negative bacteria via a membrane-targeting mechanism and possesses a low resistance frequency. |
| Targets(IC50) | Antibacterial |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0596 mL | 10.2978 mL | 20.5956 mL |
| 5 mM | 0.4119 mL | 2.0596 mL | 4.1191 mL |
| 10 mM | 0.206 mL | 1.0298 mL | 2.0596 mL |
| 50 mM | 0.0412 mL | 0.206 mL | 0.4119 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481