

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

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