

Antibacterial agent 156

Chemical Properties

CAS No. :

Formula: C₁₆H₁₅N₅O₄

Molecular Weight: 341.32

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	Antibacterial Agent 156 (Compound 57), a bactericidal that selectively targets <i>C. difficile</i> cell-wall synthesis, demonstrates potent activity with minimal inhibitory concentrations of 0.5 µg/mL for MIMIC50 (101 strains) and 1 µg/mL for MIC90 (101 strains) [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9298 mL	14.649 mL	29.298 mL
5 mM	0.586 mL	2.9298 mL	5.8596 mL
10 mM	0.293 mL	1.4649 mL	2.9298 mL
50 mM	0.0586 mL	0.293 mL	0.586 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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