

Antibacterial agent 150

Chemical Properties

CAS No. :

Formula: C33H45NO6

Molecular Weight: 551.71

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 150 (compound 5g) exhibits potent activity against a wide range of bacteria, including both Gram-positive and Gram-negative species, with MIC values between 1-32 µg/mL, and has enhanced the survival rates of mice infected with MRSA (Methicillin-resistant Staphylococcus aureus) [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8125 mL	9.0627 mL	18.1255 mL
5 mM	0.3625 mL	1.8125 mL	3.6251 mL
10 mM	0.1813 mL	0.9063 mL	1.8125 mL
50 mM	0.0363 mL	0.1813 mL	0.3625 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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