Data Sheet (Cat.No.T74776)

TargetMol®
YOUR TARGET MOLECULES

Antibacterial agent 139

Chemical Properties

CAS No. :

Formula: C28H29ClF3N3O2

Molecular Weight: 532

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Antibacterial agent 139 exhibits antibacterial activity specifically targeting Gram-positive bacteria, including resistant strains such as MRSA (anti-MRSA), VISA (anti-VISA), and LRSE (anti-LRSE). It operates by depolarizing the bacterial cell membrane [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8797 mL	9.3985 mL	18.797 mL
5 mM	0.3759 mL	1.8797 mL	3.7594 mL
10 mM	0.188 mL	0.9398 mL	1.8797 mL
50 mM	0.0376 mL	0.188 mL	0.3759 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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