

Antibacterial agent 136

Chemical Properties

CAS No. :

Formula: C₂₃H₁₉N₃O₅

Molecular Weight: 417.41

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 136 (Compound 3), an oxadiazolone antibiotic, exhibits high antibacterial potency against Methicillin-resistant Staphylococcus aureus (MRSA), with a minimum inhibitory concentration (MIC) 50 value of 0.8 µM [1].
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3957 mL	11.9786 mL	23.9573 mL
5 mM	0.4791 mL	2.3957 mL	4.7915 mL
10 mM	0.2396 mL	1.1979 mL	2.3957 mL
50 mM	0.0479 mL	0.2396 mL	0.4791 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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