

Antibacterial agent 126

Chemical Properties

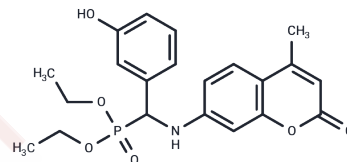
CAS No. :

Formula: C₂₁H₂₄N₂O₆P

Molecular Weight: 417.39

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 126 is a potent agent that not only reduces biofilm burden to prevent drug resistance development but also disrupts membrane integrity, resulting in the leakage of intracellular contents. Additionally, it promotes an increase in reactive oxygen species (ROS) and reactive nitrogen species (RNS) production.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3958 mL	11.9792 mL	23.9584 mL
5 mM	0.4792 mL	2.3958 mL	4.7917 mL
10 mM	0.2396 mL	1.1979 mL	2.3958 mL
50 mM	0.0479 mL	0.2396 mL	0.4792 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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