

Antibacterial agent 110

Chemical Properties

CAS No. :

Formula: C₂₂H₂₁N₅O₄S

Molecular Weight: 451.5

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 110 (Compound 4e) is a potent antibacterial agent effective against <i>P. aeruginosa</i> (MIC: 1 µg/ml), disrupting cell membranes and exhibiting strong antibacterial membrane activity.
Targets(IC50)	Others,Antibacterial,DNA/RNA Synthesis,ROS Kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2148 mL	11.0742 mL	22.1484 mL
5 mM	0.443 mL	2.2148 mL	4.4297 mL
10 mM	0.2215 mL	1.1074 mL	2.2148 mL
50 mM	0.0443 mL	0.2215 mL	0.443 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481