

qsl-304

Chemical Properties

CAS No. :

Formula: C₁₁H₉NO₄S₂

Molecular Weight: 283.32

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	QSL-304 is a DNA gyrase B inhibitor that serves as an antibacterial agent, exhibiting an IC ₅₀ of 31.23 mg/mL against Staphylococcus aureus SA-P2003 [1].
Targets(IC ₅₀)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5296 mL	17.6479 mL	35.2958 mL
5 mM	0.7059 mL	3.5296 mL	7.0592 mL
10 mM	0.353 mL	1.7648 mL	3.5296 mL
50 mM	0.0706 mL	0.353 mL	0.7059 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481