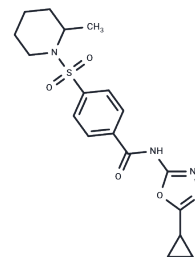


1650-M15

Chemical Properties

CAS No. : 850935-88-5
 Formula: C₁₈H₂₂N₄O₄S
 Molecular Weight: 390.46
 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	1650-M15 serves as an inhibitor of lipoteichoic acid synthase (LtaS) and targets Gram-positive bacteria, exhibiting no substantial inhibitory action against Gram-negative bacteria. The compound has IC ₅₀ values of 62.44 μM and 66.42 μM against MRSA and MSSA, respectively, with MICs for both being 200 μM.
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5611 mL	12.8054 mL	25.6108 mL
5 mM	0.5122 mL	2.5611 mL	5.1222 mL
10 mM	0.2561 mL	1.2805 mL	2.5611 mL
50 mM	0.0512 mL	0.2561 mL	0.5122 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