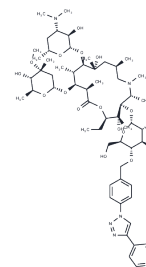


KU13

Chemical Properties

CAS No. : 3066104-44-4
 Formula: C₅₈H₉₂N₆O₁₇
 Molecular Weight: 1145.38
 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	KU13 is an inhibitor of non-tuberculous mycobacteria (NTM), demonstrating minimum inhibitory concentrations (MIC) of 0.032-8 µg/mL against Mycobacterium and 2 µg/mL against E. coli. It is applicable in research focused on anti-infective treatments.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8731 mL	4.3654 mL	8.7307 mL
5 mM	0.1746 mL	0.8731 mL	1.7461 mL
10 mM	0.0873 mL	0.4365 mL	0.8731 mL
50 mM	0.0175 mL	0.0873 mL	0.1746 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