

Mt KARI-IN-1

Chemical Properties

CAS No. :

Formula: C₁₄H₁₁N₅O₄S₂

Molecular Weight: 377.4

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	Mt KARI-IN-1 is a lead compound that demonstrates strong inhibitory activity towards Mycobacterium tuberculosis ketol-acid reductoisomerase (Mtb KARI), with a Ki value of 3.06 μ M [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6497 mL	13.2485 mL	26.4971 mL
5 mM	0.5299 mL	2.6497 mL	5.2994 mL
10 mM	0.265 mL	1.3249 mL	2.6497 mL
50 mM	0.053 mL	0.265 mL	0.5299 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