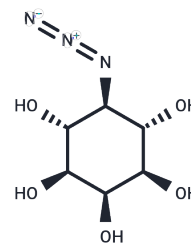


5-InoAz

Chemical Properties

CAS No. :	1218932-97-8
Formula:	C ₆ H ₁₁ N ₃ O ₅
Molecular Weight:	205.17
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	5-InoAz serves as a metabolic probe for labeling the mycobacterial cell envelope. It is specifically engineered as an inositol analog to integrate into cell envelope glycolipids [phosphatidylinositol mannoside (PIM), PIM-anchored lipomannan (LM), and lipoarabinomannan (LAM)]. Coupled with bioorthogonal chemistry, it offers a valuable tool for examining the biosynthesis, transport, and dynamics of PIM, LM, and LAM in various mycobacterial species.
Targets(IC50)	Others, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.874 mL	24.370 mL	48.7401 mL
5 mM	0.9748 mL	4.874 mL	9.748 mL
10 mM	0.4874 mL	2.437 mL	4.874 mL
50 mM	0.0975 mL	0.4874 mL	0.9748 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