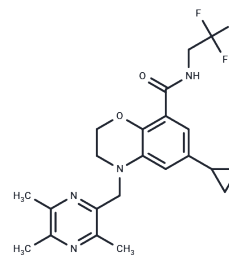


DprE1-IN-9

Chemical Properties

CAS No. : 2906099-98-5
 Formula: C₂₂H₂₅F₃N₄O₂
 Molecular Weight: 434.45
 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	DprE1-IN-9 (compound B18) is an efficient, reversible inhibitor of DprE1, interacting with the enzyme's receptor cavity. It exhibits potent antimycobacterial properties, demonstrating activity against non-pathogenic H37Ra (MIC=0.18 µg/mL) and pathogenic strains, including H37Rv, as well as clinical MDR and XDR isolates [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3018 mL	11.5088 mL	23.0176 mL
5 mM	0.4604 mL	2.3018 mL	4.6035 mL
10 mM	0.2302 mL	1.1509 mL	2.3018 mL
50 mM	0.046 mL	0.2302 mL	0.4604 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