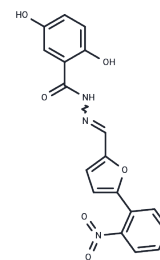


BAR-072

Chemical Properties

CAS No. : 2068867-65-0
 Formula: C₁₈H₁₃N₃O₆
 Molecular Weight: 367.312
 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	BAR-072 is a small molecule inhibitor targeting TraE with a KD value of 2.7 μM. It significantly suppresses the transfer of the antibiotic resistance-associated plasmid pKM101. BAR-072 holds promise as a candidate molecule for research in disease areas related to infection and resistance control, by inhibiting the spread of bacterial resistance genes.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7225 mL	13.6125 mL	27.225 mL
5 mM	0.5445 mL	2.7225 mL	5.445 mL
10 mM	0.2722 mL	1.3612 mL	2.7225 mL
50 mM	0.0544 mL	0.2722 mL	0.5445 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