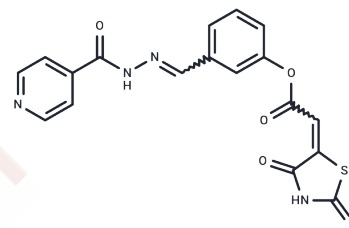


Antimycobacterial agent-1

Chemical Properties

CAS No. : 2409926-02-7
 Formula: C₁₈H₁₂N₄O₅
 Molecular Weight: 396.38
 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 | Antimycobacterial agent-1 (compound 33) demonstrates potent antimycobacterial activity against Mycobacterium tuberculosis H37Ra, with a minimal inhibitory concentration (MIC) value of 1 µg/ml, and exhibits low cytotoxicity in normal cells, as evidenced by an IC ₅₀ value of 143.2 µg/ml in Vero cells [1]. |
| Targets(IC ₅₀) | Others,Antibacterial |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.5228 mL | 12.6142 mL | 25.2283 mL |
| 5 mM | 0.5046 mL | 2.5228 mL | 5.0457 mL |
| 10 mM | 0.2523 mL | 1.2614 mL | 2.5228 mL |
| 50 mM | 0.0505 mL | 0.2523 mL | 0.5046 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

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