

GuaB-IN-1

Chemical Properties

CAS No. :

Formula: C₂₁H₁₈ClN₅O₃

Molecular Weight: 423.85

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 | GuaB-IN-1 (Compound 15) is effective against M.tb with a MIC value of 0.25 µM. At a concentration of 10 µM, GuaB-IN-1 exhibits a 28% inhibition of hERG. This compound holds promise for tuberculosis research. |
| Targets(IC50) | Estrogen Receptor/ERR,Antibacterial |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.3593 mL | 11.7966 mL | 23.5933 mL |
| 5 mM | 0.4719 mL | 2.3593 mL | 4.7187 mL |
| 10 mM | 0.2359 mL | 1.1797 mL | 2.3593 mL |
| 50 mM | 0.0472 mL | 0.2359 mL | 0.4719 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