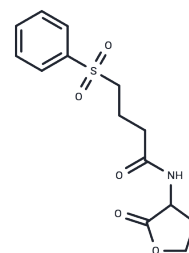


PqsR/LasR-IN-3

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2581109-51-3 |
| Formula: | C ₁₄ H ₁₇ N ₁ O ₅ |
| Molecular Weight: | 311.35 |
| 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 | PqsR/LasR-IN-3 (Compound 7a) inhibits hERG with an IC ₅₀ of 109.01 μM and also functions as a PqsR and LasR systems inhibitor in <i>P. aeruginosa</i> [1]. |
| Targets(IC ₅₀) | Others,Antibacterial,Antibiotic |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.2118 mL | 16.0591 mL | 32.1182 mL |
| 5 mM | 0.6424 mL | 3.2118 mL | 6.4236 mL |
| 10 mM | 0.3212 mL | 1.6059 mL | 3.2118 mL |
| 50 mM | 0.0642 mL | 0.3212 mL | 0.6424 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