

Tetrazine-Ph-acid

Chemical Properties

CAS No. : 1380500-92-4

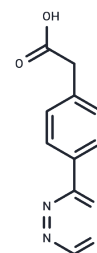
Formula: C₁₀H₈N₄O₂

Molecular Weight: 216.2

Keep away from direct sunlight

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 | Tetrazine-Ph-acid is an alkyl chain-derived PROTAC linker utilized in PROTAC synthesis [1]. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs utilize two ligands connected by a linker: one targets an E3 ubiquitin ligase and the other targets the desired protein. They selectively degrade target proteins by exploiting the intracellular ubiquitin-proteasome system[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.6253 mL | 23.1267 mL | 46.2535 mL |
| 5 mM | 0.9251 mL | 4.6253 mL | 9.2507 mL |
| 10 mM | 0.4625 mL | 2.3127 mL | 4.6253 mL |
| 50 mM | 0.0925 mL | 0.4625 mL | 0.9251 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.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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