

Azido-PEG36-alcohol

Chemical Properties

CAS No. :

Formula: C72H145N3O36

Molecular Weight: 1628.92

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 | Azido-PEG36-alcohol, a PEG-based linker for PROTACs, facilitates the joining of two essential ligands crucial for PROTAC molecule formation, enabling selective protein degradation through the ubiquitin-proteasome system within cells. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.6139 mL | 3.0695 mL | 6.139 mL |
| 5 mM | 0.1228 mL | 0.6139 mL | 1.2278 mL |
| 10 mM | 0.0614 mL | 0.307 mL | 0.6139 mL |
| 50 mM | 0.0123 mL | 0.0614 mL | 0.1228 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