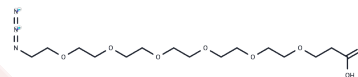


Azido-PEG6-acid

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 361189-66-4 |
| Formula: | C15H29N3O8 |
| Molecular Weight: | 379.41 |
| Storage: | Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|---|
| Description | Azido-PEG6-acid is a PEG-based linker for PROTACs [Proteolysis Targeting Chimeras] that connects two essential ligands, crucial for the formation of PROTAC molecules, enabling selective protein degradation through the ubiquitin-proteasome system within cells. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs, comprising two distinct ligands joined by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—leverage the intracellular ubiquitin-proteasome system for selective degradation of target proteins [1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.6357 mL | 13.1784 mL | 26.3567 mL |
| 5 mM | 0.5271 mL | 2.6357 mL | 5.2713 mL |
| 10 mM | 0.2636 mL | 1.3178 mL | 2.6357 mL |
| 50 mM | 0.0527 mL | 0.2636 mL | 0.5271 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

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