

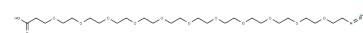
Azido-PEG11-acid

Chemical Properties

CAS No. : 2769916-01-8

Formula: C₂₅H₄₉N₃O₁₃

Molecular Weight: 599.67



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-PEG11-acid is a PEG-based linker for PROTACs [proteolysis-targeting chimeras], facilitating the connection of two essential ligands necessary for PROTAC molecule formation and enabling selective protein degradation via the ubiquitin-proteasome system within cells. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs consist of two ligands joined by a linker; one ligand targets an E3 ubiquitin ligase, while the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.6676 mL | 8.3379 mL | 16.6758 mL |
| 5 mM | 0.3335 mL | 1.6676 mL | 3.3352 mL |
| 10 mM | 0.1668 mL | 0.8338 mL | 1.6676 mL |
| 50 mM | 0.0334 mL | 0.1668 mL | 0.3335 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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