

Propargyl-PEG4-amine

Chemical Properties

CAS No. : 1013921-36-2

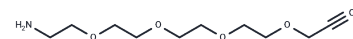
Formula: C₁₁H₂₁N₁O₄

Molecular Weight: 231.29

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 | Propargyl-PEG4-amine, a PEG-based PROTAC linker, can be used in the synthesis of PROTACs. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs utilize a linker to connect two distinct ligands: one for an E3 ubiquitin ligase and the other for the target protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.3236 mL | 21.6179 mL | 43.2358 mL |
| 5 mM | 0.8647 mL | 4.3236 mL | 8.6472 mL |
| 10 mM | 0.4324 mL | 2.1618 mL | 4.3236 mL |
| 50 mM | 0.0865 mL | 0.4324 mL | 0.8647 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

Banerjee SR, et al.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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