

Azido-PEG9-azide

Chemical Properties

CAS No. : 1171122-72-7

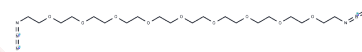
Formula: C₂₀H₄₀N₆O₉

Molecular Weight: 508.57

Keep away from direct sunlight

Storage: Pure form: -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-PEG9-azide is a PEG-based PROTAC linker suitable for use in PROTAC synthesis. |
| Targets(IC50) | PROTAC Linker |
| In vitro | PROTACs, consisting of two distinct ligands joined by a linker—one ligand for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 1.9663 mL | 9.8315 mL | 19.663 mL |
| 5 mM | 0.3933 mL | 1.9663 mL | 3.9326 mL |
| 10 mM | 0.1966 mL | 0.9831 mL | 1.9663 mL |
| 50 mM | 0.0393 mL | 0.1966 mL | 0.3933 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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