

## Bromo-PEG6-azide

## Chemical Properties

CAS No. : 2062663-64-1

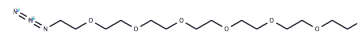
Formula: C14H28BrN3O6

Molecular Weight: 414.29

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   | Bromo-PEG6-azide is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules. This linker supports selective protein degradation by utilizing the ubiquitin-proteasome system within cells. |
| Targets(IC50) | Others,PROTAC Linker  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.4138 mL | 12.0688 mL | 24.1377 mL |
| 5 mM  | 0.4828 mL | 2.4138 mL  | 4.8275 mL  |
| 10 mM | 0.2414 mL | 1.2069 mL  | 2.4138 mL  |
| 50 mM | 0.0483 mL | 0.2414 mL  | 0.4828 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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