

## Bromoacetamido-PEG5-azide

## Chemical Properties

CAS No. : 1415800-37-1

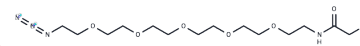
Formula: C14H27BrN4O6

Molecular Weight: 427.29

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	Bromoacetamido-PEG5-azide is a polyethylene glycol (PEG)-based linking molecule, commonly known as a PROTAC linker, which is utilized for the efficient synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3403 mL	11.7017 mL	23.4033 mL
5 mM	0.4681 mL	2.3403 mL	4.6807 mL
10 mM	0.234 mL	1.1702 mL	2.3403 mL
50 mM	0.0468 mL	0.234 mL	0.4681 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

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