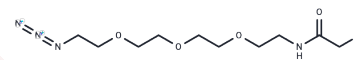


## Bromoacetamido-PEG3-azide

## Chemical Properties

CAS No. :	940005-81-2
Formula:	C10H19BrN4O4
Molecular Weight:	339.19
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Bromoacetamido-PEG3-azide is a polyethylene glycol (PEG)-based linker used for the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are molecules composed of two ligands connected by a linker: one ligand binds 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	2.9482 mL	14.741 mL	29.482 mL
5 mM	0.5896 mL	2.9482 mL	5.8964 mL
10 mM	0.2948 mL	1.4741 mL	2.9482 mL
50 mM	0.059 mL	0.2948 mL	0.5896 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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