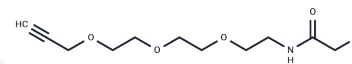


## Bromoacetamide-PEG3-propargyl

## Chemical Properties

CAS No. :	932741-11-2
Formula:	C11H18BrNO4
Molecular Weight:	308.17
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	Bromoacetamide-PEG3-propargyl is a polyethylene glycol (PEG) derived linker utilized for the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker; one ligand binds to an E3 ubiquitin ligase, while the other targets a specific protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.245 mL	16.2248 mL	32.4496 mL
5 mM	0.649 mL	3.245 mL	6.4899 mL
10 mM	0.3245 mL	1.6225 mL	3.245 mL
50 mM	0.0649 mL	0.3245 mL	0.649 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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