

## Propargyl-PEG3-amine

## Chemical Properties

CAS No. : 932741-19-0

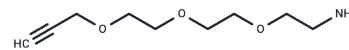
Formula: C<sub>9</sub>H<sub>17</sub>NO<sub>3</sub>

Molecular Weight: 187.24

Keep away from moisture

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	Propargyl-PEG3-amine (Propargyl-PEG3-NH <sub>2</sub> ) is a PROTAC linker belonging to the PEG class and can be used to synthesize PROTAC molecules.
Targets(IC <sub>50</sub> )	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the intended protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3407 mL	26.7037 mL	53.4074 mL
5 mM	1.0681 mL	5.3407 mL	10.6815 mL
10 mM	0.5341 mL	2.6704 mL	5.3407 mL
50 mM	0.1068 mL	0.5341 mL	1.0681 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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