

## Propargyl-PEG1-NH2

## Chemical Properties

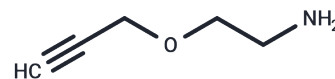
CAS No. : 122116-12-5

Formula: C<sub>5</sub>H<sub>9</sub>NO

Molecular Weight: 99.13

Storage: Keep away from direct sunlight  
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	Propargyl-PEG1-NH2, a PEG-based PROTAC linker, can be utilized in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	10.0878 mL	50.4388 mL	100.8776 mL
5 mM	2.0176 mL	10.0878 mL	20.1755 mL
10 mM	1.0088 mL	5.0439 mL	10.0878 mL
50 mM	0.2018 mL	1.0088 mL	2.0176 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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