

## Azido-PEG1-amine

## Chemical Properties

CAS No. : 464190-91-8

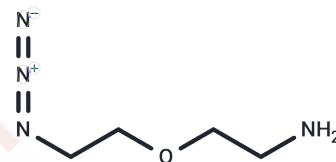
Formula: C<sub>4</sub>H<sub>10</sub>N<sub>4</sub>O

Molecular Weight: 130.15

Store at low temperature

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	Azido-PEG1-amine is a PROTAC linker belonging to the PEG class, which can be used to synthesize PROTAC molecules.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs contain two different ligands, one is the ligand of E3 ubiquitin ligase, and the other is the ligand of target protein, which are connected by a linker. PROTAC can utilize the intracellular ubiquitin-proteasome system to selectively degrade the target protein.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.6834 mL	38.4172 mL	76.8344 mL
5 mM	1.5367 mL	7.6834 mL	15.3669 mL
10 mM	0.7683 mL	3.8417 mL	7.6834 mL
50 mM	0.1537 mL	0.7683 mL	1.5367 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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