

## Azido-PEG11-azide

## Chemical Properties

CAS No. : 1392284-57-9

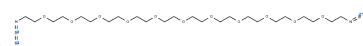
Formula: C<sub>24</sub>H<sub>48</sub>N<sub>6</sub>O<sub>11</sub>

Molecular Weight: 596.67

Keep away from direct sunlight

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-PEG11-azide is a PEG-based PROTAC linker used in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs comprise two ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. These compounds harness the intracellular ubiquitin-proteasome system for the selective degradation of target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.676 mL	8.3798 mL	16.7597 mL
5 mM	0.3352 mL	1.676 mL	3.3519 mL
10 mM	0.1676 mL	0.838 mL	1.676 mL
50 mM	0.0335 mL	0.1676 mL	0.3352 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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