

## Azido-PEG2-C6-Cl

## Chemical Properties

CAS No. : 2568146-55-2

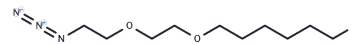
Formula: C<sub>10</sub>H<sub>20</sub>ClN<sub>3</sub>O<sub>2</sub>

Molecular Weight: 249.74

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-PEG2-C6-Cl is a PROTAC linker belonging to the PEG class and can be used to synthesize PROTAC molecules.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs are composed of two different ligands linked by a linker, one for the E3 ubiquitin ligase and the other for the target protein. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade the target protein. [1]

## Solubility Information

Solubility	DMSO: 200 mg/mL (800.83 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0042 mL	20.0208 mL	40.0416 mL
5 mM	0.8008 mL	4.0042 mL	8.0083 mL
10 mM	0.4004 mL	2.0021 mL	4.0042 mL
50 mM	0.0801 mL	0.4004 mL	0.8008 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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