

## Azido-PEG5-succinimidyl carbonate

## Chemical Properties

CAS No. : 1402411-88-4

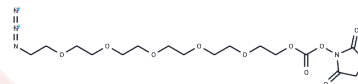
Formula: C17H28N4O10

Molecular Weight: 448.43

Keep away from direct sunlight

Storage: 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	Azido-PEG5-succinimidyl carbonate is a polyethylene glycol (PEG) derivative featuring a succinimidyl carbonate and an azido group, utilized as a PEG-based PROTAC linker in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other binds to the target protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.230 mL	11.150 mL	22.300 mL
5 mM	0.446 mL	2.230 mL	4.460 mL
10 mM	0.223 mL	1.115 mL	2.230 mL
50 mM	0.0446 mL	0.223 mL	0.446 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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