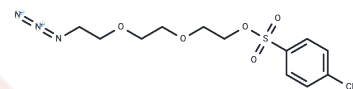


## Azide-PEG3-Tos

## Chemical Properties

CAS No. :	178685-33-1
Formula:	C13H19N3O5S
Molecular Weight:	329.37
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Azide-PEG3-Tos is a PEG-based PROTAC linker used in the synthesis of PROTACs[1], and a non-cleavable 3-unit PEG ADC linker employed in the synthesis of antibody-drug conjugates (ADCs)[2].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	PROTACs are composed of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein, thereby utilizing the ubiquitin-proteasome system to selectively degrade target proteins[1]. ADCs consist of an antibody linked to a cytotoxin via an ADC linker[2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0361 mL	15.1805 mL	30.361 mL
5 mM	0.6072 mL	3.0361 mL	6.0722 mL
10 mM	0.3036 mL	1.518 mL	3.0361 mL
50 mM	0.0607 mL	0.3036 mL	0.6072 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

- Borchmann DE, et al. GRGDS-Functionalized Poly(lactide)-graft-poly(ethylene glycol) Copolymers: Combining Thiol-Ene Chemistry with Staudinger Ligation. *Macromolecules*. 2013 Jun 11;46(11):4426-4431.
- Park, Tae Kyo, et al. Compound bearing beta-galactoside-introduced self-immolative linker. WO2018124758A2.

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