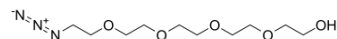


## Azido-PEG5-alcohol

Cat. No.:	HY-130211
CAS No.:	86770-68-5
Molecular Formula:	C <sub>10</sub> H <sub>21</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	263.29
Target:	ADC Linker; PROTAC Linker
Pathway:	Antibody-drug Conjugate/ADC Related; PROTAC
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

Description	Azido-PEG5-alcohol is a non-cleavable 5 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1]</sup> . Azido-PEG5-alcohol is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[2]</sup> .	
IC <sub>50</sub> & Target	PEGs	Non-cleavable
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker <sup>[1]</sup> . PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins <sup>[2]</sup> .	

### REFERENCES

[1]. Zhang FL, et al. Molecular-target-based anticancer photosensitizer: synthesis and in vitro photodynamic activity of erlotinib-zinc(II) phthalocyanine conjugates. ChemMedChem. 2015 Feb;10(2):312-20.

[2]. Nan JI, et al. Mertk degraders and uses thereof. WO2020010210A1.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA