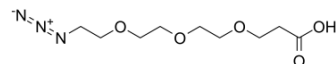


N3-PEG3-CH2CH2COOH

Cat. No.:	HY-42490
CAS No.:	1056024-94-2
Molecular Formula:	C ₉ H ₁₇ N ₃ O ₅
Molecular Weight:	247.25
Target:	PROTAC Linker; ADC Linker
Pathway:	PROTAC; Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	N3-PEG3-CH2CH2COOH a PEG-based PROTAC linker can be used in the synthesis of BI-3663 (HY-111546), BI-4216 and BI-0319. Azido-PEG3-acid is also a non-cleavable 3 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs).	
IC ₅₀ & Target	PEGs	Non-cleavable
In Vitro	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. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Popow J, et al. Highly Selective PTK2 Proteolysis Targeting Chimeras to Probe Focal Adhesion Kinase Scaffolding Functions. J Med Chem. 2019 Mar 14;62(5):2508-2520.

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