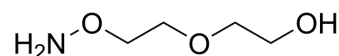


Aminoxy-PEG2-alcohol

Cat. No.:	HY-126951
CAS No.:	185022-12-2
Molecular Formula:	C ₄ H ₁₁ NO ₃
Molecular Weight:	121.14
Target:	ADC Linker; PROTAC Linkers
Pathway:	Antibody-drug Conjugate/ADC Related; PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Aminoxy-PEG2-alcohol is a non-cleavable 2 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] . Aminoxy-PEG2-alcohol is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[2] .	
IC ₅₀ & Target	PEGs	Non-cleavable
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . 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 ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

- [1]. Marek Kwiatkowski. Conjugates of biologically active molecules to functionalized polymers. WO2013186632A2.
- [2]. Murray BS, et al. Reactive thermoresponsive copolymer scaffolds. Chem Commun (Camb). 2010 Dec 7;46(45):8651-3.

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

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