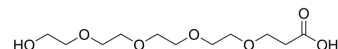


Hydroxy-PEG4-acid

Cat. No.:	HY-117104		
CAS No.:	937188-59-5		
Molecular Formula:	C ₁₁ H ₂₂ O ₇		
Molecular Weight:	266.29		
Target:	ADC Linker; PROTAC Linkers		
Pathway:	Antibody-drug Conjugate/ADC Related; PROTAC		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Hydroxy-PEG4-acid is a non-cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Hydroxy-PEG4-acid is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[1] .	
IC₅₀ & Target	Non-cleavable Linker	PEGs
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 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Tinya Abrams, et al. Antibody drug conjugates. WO2016203432A1.

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