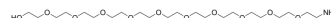


Amino-PEG11-OH

Cat. No.:	HY-130298
CAS No.:	15332-94-2
Molecular Formula:	C ₂₂ H ₄₇ NO ₁₁
Molecular Weight:	501.61
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	Amino-PEG11-OH is non-cleavable 11 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Amino-PEG11-OH is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[1] .	
IC ₅₀ & Target	Non-cleavable	PEGs
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker. 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. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Synthesis of reduced sensitive azo connection unit and application of azo connection unit in DNA (deoxyribonucleic acid) sequencing. CN103539697A.

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

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