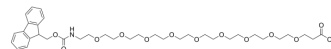


Fmoc-NH-PEG9-CH₂CH₂COOH

Cat. No.:	HY-130167		
CAS No.:	1191064-81-9		
Molecular Formula:	C ₃₆ H ₅₃ NO ₁₃		
Molecular Weight:	707.8		
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	Fmoc-NH-PEG9-CH ₂ CH ₂ COOH is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Fmoc-NH-PEG9-CH ₂ CH ₂ COOH is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[1] .		
IC₅₀ & Target	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]. Yang Y, et al. Design, synthesis, and biological characterization of novel PEG-linked dimeric modulators for CXCR4. *Bioorg Med Chem*. 2016 Nov 1;24(21):5393-5399.

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

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