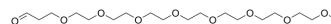


m-PEG7-CH₂CH₂CHO

Cat. No.:	HY-130185
CAS No.:	1234369-95-9
Molecular Formula:	C ₁₈ H ₃₆ O ₉
Molecular Weight:	396.47
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	m-PEG7-CH ₂ CH ₂ CHO is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). m-PEG7-CH ₂ CH ₂ CHO is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs.	
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]. Erwin R. Boghaert, et al. Anti-egfr antibody drug conjugates. WO2017214282A1.

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

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