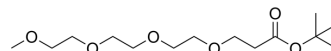


m-PEG4-Boc

Cat. No.:	HY-141395		
CAS No.:	883554-11-8		
Molecular Formula:	C ₁₄ H ₂₈ O ₆		
Molecular Weight:	292.37		
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	m-PEG4-Boc is a cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] . m-PEG4-Boc is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[2] .		
IC₅₀ & Target	PEGs	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]. Hervé Bouchard, et al. Peptidic linkers and cryptophycin conjugates, useful in therapy, and their preparation. WO2018206635A1.
- [2]. Peter Madsen, et al. Protease stabilized, pegylated insulin analogues. WO2009010428A1.

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

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