m-PEG7-CH2CH2COOH

Cat. No.: HY-130151

CAS No.: 1093647-41-6

Molecular Formula: $C_{18}H_{36}O_{10}$

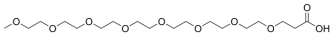
Molecular Weight: 412.47

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-PEG7-CH2CH2COOH is a non-cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). m-PEG7-CH2CH2COOH is also a PEG-based PROTAC linker that can be used in the synthesis of PROTACs.	
IC_{50} & Target	Non-cleavable Linker	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]. Tinya Abrams, et al. Antibody drug conjugates. WO2016203432A1.

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