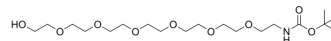


## N-Boc-PEG7-alcohol

Cat. No.:	HY-130505		
CAS No.:	1292268-13-3		
Molecular Formula:	C <sub>19</sub> H <sub>39</sub> NO <sub>9</sub>		
Molecular Weight:	425.51		
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	N-Boc-PEG7-alcohol is a PEG/Alkyl/ether-based PROTAC linker can be used in the synthesis of PROTACs. N-Boc-PEG7-alcohol is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1]</sup> .		
IC <sub>50</sub> & Target	Cleavable	PEGs	Alkyl/ether
In Vitro	<p>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. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>		

### REFERENCES

[1]. Julie Moreau, et al. Modular Synthesis of Bifunctional Linkers for Materials Science. European Journal of Organic Chemistry, 2011 (9), 1641-1644.

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

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