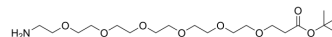


## NH2-PEG6-Boc

Cat. No.:	HY-130486
CAS No.:	1286281-32-0
Molecular Formula:	C <sub>19</sub> H <sub>39</sub> NO <sub>8</sub>
Molecular Weight:	409.51
Target:	PROTAC Linkers; ADC Linker
Pathway:	PROTAC; Antibody-drug Conjugate/ADC Related
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

Description	NH2-PEG6-Boc is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[1]</sup> . NH2-PEG6-Boc is also a non-cleavable 6 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[2]</sup> .		
IC <sub>50</sub> & Target	PEGs	Alkyl/ether	Non-cleavable Linker
In Vitro	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 <sup>[1]</sup> . ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

### REFERENCES

- [1]. Foley CA, et al. Assessing the Cell Permeability of Bivalent Chemical Degraders Using the Chloroalkane Penetration Assay. ACS Chem Biol. 2020 Jan 17;15(1):290-295.
- [2]. Kenneth John DIRICO, et al. Spliceostatin analogs. WO2014068443A1.

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

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