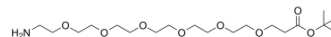


## NH2-PEG6-Boc

|                    |   |
|--------------------|---|
| 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 Linker; ADC Linker   |
| Pathway:           | PROTAC; Antibody-drug Conjugate/ADC Related   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### 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 |
| 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 Degradors 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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