**m-PEG4-Boc**

Cat. No.: HY-141395  
CAS No.: 883554-11-8  
Molecular Formula: \( \text{C}_{14}\text{H}_{28}\text{O}_6 \)  
Molecular Weight: 292.37  
Target: ADC Linker; PROTAC Linker  
Pathway: Antibody-drug Conjugate/ADC Related; PROTAC  
Storage: Please store the product under the recommended conditions in the COA.

### 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**  
<table>
<thead>
<tr>
<th>IC₅₀ &amp; Target</th>
<th>PEGs</th>
<th>Cleavable</th>
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**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].

### REFERENCES
