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## Product Data Sheet

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Product Name: m-PEG3-Boc

Cat. No.: GC67242

### Chemical Properties

Cas. No. 1778219-81-0

Formula  $C_{12}H_{24}O_5$  M.Wt 248.32

Solubility Storage Store at  $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

m-PEG3-Boc is a **PEG-** and **Alkyl/ether-**based **PROTAC linker** can be used in the synthesis of PROTACs<sup>[1]</sup>.

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>.

[1]. Darren H. Wakefield, et al. Poly(vinyl ester) Polymers for In Vivo Nucleic Acid Delivery. US20130121954A1.

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

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