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## Product Data Sheet

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Product Name: Ald-CH2-PEG5-Boc

Cat. No.: GC66606

### Chemical Properties

Cas. No. 1446282-23-0

Formula C<sub>17</sub>H<sub>32</sub>O<sub>8</sub> M.Wt 364.43

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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

Ald-CH2-PEG5-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.

[1]. Tovell H, et al. Design and Characterization of SGK3-PROTAC1, an Isoform Specific SGK3 Kinase PROTAC Degradere. ACS Chem Biol. 2019 Sep 20;14(9):2024-2034.

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

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