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**Product Data Sheet**

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Product Name: N-Boc-PEG9-alcohol

Cat. No.: GC66730

**Chemical Properties**

Cas. No. 2112731-44-7

Formula  $C_{23}H_{47}NO_{11}$  M.Wt 513.62

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**

N-Boc-PEG9-alcohol is a PEG/Alkyl/ether-based **PROTAC linker** can be used in the synthesis of PROTACs. N-Boc-PEG9-alcohol is a cleavable **ADC linker** used in the synthesis of antibody-drug conjugates (ADCs)<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.

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

[1]. Nello Mainolfi, et al. Irak degraders and uses thereof. US20190192668A1.

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

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