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## Product Data Sheet

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Product Name: Boc-Aminooxy-PEG5-amine

Cat. No.: GC66804

### Chemical Properties

Cas. No. 2250216-94-3

Formula  $C_{17}H_{36}N_2O_8$  M.Wt 396.48

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

Boc-Aminooxy-PEG5-amine is a PEG-based PROTAC linker that 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]. Zhao B, et al. Protein Engineering in the Ubiquitin System: Tools for Discovery and Beyond. Pharmacol Rev. 2020 Apr;72(2):380-413.

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

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