
Product Data Sheet

Product Name: Aminoxy-PEG3-C2-NH-Boc

Cat. No.: GC67368

Chemical Properties

Cas. No. 2062663-65-2

Formula $C_{13}H_{28}N_2O_6$ M.Wt 308.37

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

Aminoxy-PEG3-C2-NH-Boc is a PEG- and Alkyl/ether-based **PROTAC linker** that can be used in the synthesis of PROTACs^[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^[1].

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

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

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