
Product Data Sheet

Product Name: Boc-Aminooxy-PEG4-CH₂CO₂H

Cat. No.: GC67115

Chemical Properties

Cas. No. 2028281-90-3

Formula C₁₅H₂₉NO₉ M.Wt 367.39

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

Boc-Aminooxy-PEG4-CH₂CO₂H is a PEG-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]. 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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