
Product Data Sheet

Product Name: Boc-aminooxy-PEG4-propargyl

Cat. No.: GC67120

Chemical Properties

Cas. No. 1895922-77-6

Formula $C_{16}H_{29}NO_7$ M.Wt 347.4

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 Boc-aminooxy-PEG4-propargyl

Background

Boc-aminooxy-PEG4-propargyl 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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