
Product Data Sheet

Product Name: N-(Azido-PEG3)-N-Boc-PEG4-acid

Cat. No.: GC66807

Chemical Properties

Cas. No. 2112731-95-8

Formula C₂₄H₄₆N₄O₁₁ M.Wt 566.64

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-(Azido-PEG3)-N-Boc-PEG4-acid is a **PEG**-based **PROTAC linker** with a terminal azide group and is 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]. Kanazaki K, et al. Feasibility of poly(ethylene glycol) derivatives as diagnostic drug carriers for tumor imaging. J Control Release. 2016 Mar 28;226:115-23.

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

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