

N-(Amino-PEG3)-N-bis(PEG4-Boc)

Chemical Properties

CAS No. : 2353409-57-9

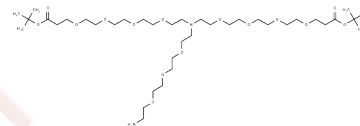
Formula: C₃₈H₇₆N₂O₁₅

Molecular Weight: 801.01

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|---|
| Description | N-(Amino-PEG3)-N-bis(PEG4-Boc) is a polyethylene glycol (PEG) derivative frequently used as a linker in the synthesis of proteolysis targeting chimeras (PROTACs) [1]. |
| Targets(IC50) | Others,PROTAC Linker |
| In vitro | PROTACs contain two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the desired protein. Utilizing the ubiquitin-proteasome system within cells, PROTACs selectively degrade these target proteins [1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.2484 mL | 6.2421 mL | 12.4842 mL |
| 5 mM | 0.2497 mL | 1.2484 mL | 2.4968 mL |
| 10 mM | 0.1248 mL | 0.6242 mL | 1.2484 mL |
| 50 mM | 0.025 mL | 0.1248 mL | 0.2497 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481