

Boc-NH-PEG11-CH₂CH₂N₃

Chemical Properties

CAS No. : 2395004-21-2

Formula: C₂₉H₅₈N₄O₁₃

Molecular Weight: 670.79



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	Boc-NH-PEG11-CH ₂ CH ₂ N ₃ is a PEG-based linker for PROTACs, joining two essential ligands crucial for forming PROTAC molecules, enabling selective protein degradation by leveraging the [ubiquitin-proteasome] system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase, and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4908 mL	7.4539 mL	14.9078 mL
5 mM	0.2982 mL	1.4908 mL	2.9816 mL
10 mM	0.1491 mL	0.7454 mL	1.4908 mL
50 mM	0.0298 mL	0.1491 mL	0.2982 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