

N-Boc-PEG36-alcohol

Chemical Properties

CAS No. :

Formula: C77H155NO38

Molecular Weight: 1703.04

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-Boc-PEG36-alcohol is a PEG-based linker for PROTACs, facilitating the conjugation of two essential ligands crucial for PROTAC molecule formation, thereby enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together; one targets an E3 ubiquitin ligase, and the other binds the target protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5872 mL	2.9359 mL	5.8719 mL
5 mM	0.1174 mL	0.5872 mL	1.1744 mL
10 mM	0.0587 mL	0.2936 mL	0.5872 mL
50 mM	0.0117 mL	0.0587 mL	0.1174 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

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