

Boc-NH-PEG36-CH₂CH₂COOH

Chemical Properties

CAS No. :

Formula: C₈₀H₁₅₉N₄O₄₀

Molecular Weight: 1775.1

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-PEG36-CH ₂ CH ₂ COOH is a polyethylene glycol (PEG)-based PROTAC linker used in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5633 mL	2.8167 mL	5.6335 mL
5 mM	0.1127 mL	0.5633 mL	1.1267 mL
10 mM	0.0563 mL	0.2817 mL	0.5633 mL
50 mM	0.0113 mL	0.0563 mL	0.1127 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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