

Boc-NH-PEG23-NH2

Chemical Properties

CAS No. :

Formula: C53H108N2O25

Molecular Weight: 1173.44

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-PEG23-NH2 is a PEG-based linker for PROTACs, facilitating the formation of PROTAC molecules by connecting two essential ligands, and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one ligand targets an E3 ubiquitin ligase while the other targets a specific protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8522 mL	4.261 mL	8.522 mL
5 mM	0.1704 mL	0.8522 mL	1.7044 mL
10 mM	0.0852 mL	0.4261 mL	0.8522 mL
50 mM	0.017 mL	0.0852 mL	0.1704 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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