

Hydroxy-PEG13-Boc

Chemical Properties

CAS No. :

Formula: C33H66O16

Molecular Weight: 718.87

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	Hydroxy-PEG13-Boc, a PEG-based linker, facilitates the formation of PROTAC molecules by joining two essential ligands and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase, and the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade specific target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3911 mL	6.9554 mL	13.9107 mL
5 mM	0.2782 mL	1.3911 mL	2.7821 mL
10 mM	0.1391 mL	0.6955 mL	1.3911 mL
50 mM	0.0278 mL	0.1391 mL	0.2782 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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