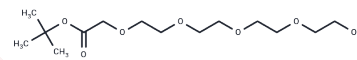


Hydroxy-PEG4-CH2-Boc

Chemical Properties

CAS No. :	169751-72-8
Formula:	C14H28O7
Molecular Weight:	308.37
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Hydroxy-PEG4-CH2-Boc is a PEG-based linker used in PROTACs, facilitating the conjugation of two critical ligands necessary for PROTAC molecule formation. This linker enables selective protein degradation by exploiting the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs feature two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein. They leverage the [intracellular ubiquitin-proteasome system] to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2429 mL	16.2143 mL	32.4286 mL
5 mM	0.6486 mL	3.2429 mL	6.4857 mL
10 mM	0.3243 mL	1.6214 mL	3.2429 mL
50 mM	0.0649 mL	0.3243 mL	0.6486 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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