

## Hydroxy-PEG7-Boc

## Chemical Properties

CAS No. :

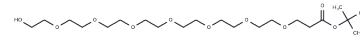
Formula: C<sub>21</sub>H<sub>42</sub>O<sub>10</sub>

Molecular Weight: 454.55

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-PEG7-Boc is a PEG-based linker for PROTACs, facilitating the connection of two essential ligands for PROTAC molecule formation 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 linked together: one 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[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.200 mL	10.9999 mL	21.9998 mL
5 mM	0.440 mL	2.200 mL	4.400 mL
10 mM	0.220 mL	1.100 mL	2.200 mL
50 mM	0.044 mL	0.220 mL	0.440 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

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