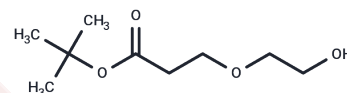


Hydroxy-PEG1-(CH<sub>2</sub>)<sub>2</sub>-Boc

## Chemical Properties

CAS No. :	671802-00-9
Formula:	C <sub>9</sub> H <sub>18</sub> O <sub>4</sub>
Molecular Weight:	190.24
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-PEG1-(CH <sub>2</sub> ) <sub>2</sub> -Boc is a polyethylene glycol (PEG)-based linker utilized in the synthesis of proteolysis-targeting chimeric molecules (PROTACs)[1].
Targets(IC <sub>50</sub> )	Others,PROTAC Linker
In vitro	PROTACs contain two ligands connected by a linker: one for an E3 ubiquitin ligase and the other for the target protein. They exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2565 mL	26.2826 mL	52.5652 mL
5 mM	1.0513 mL	5.2565 mL	10.513 mL
10 mM	0.5257 mL	2.6283 mL	5.2565 mL
50 mM	0.1051 mL	0.5257 mL	1.0513 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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