

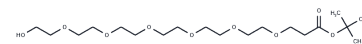
Hydroxy-PEG6-Boc

Chemical Properties

CAS No. : 361189-64-2

Formula: C₁₉H₃₈O₉

Molecular Weight: 410.5



Keep away from direct sunlight

Storage: Pure form: -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, a PEG-based PROTAC linker, is utilized in PROTAC synthesis [1].
Targets(IC ₅₀)	PROTAC Linker
In vitro	PROTACs consist of two ligands linked together; one targets an E3 ubiquitin ligase and the other targets the intended protein. They leverage the intracellular ubiquitin-proteasome system for the selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4361 mL	12.1803 mL	24.3605 mL
5 mM	0.4872 mL	2.4361 mL	4.8721 mL
10 mM	0.2436 mL	1.218 mL	2.4361 mL
50 mM	0.0487 mL	0.2436 mL	0.4872 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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