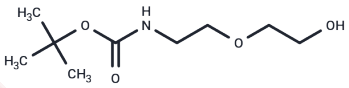
Data Sheet (Cat.No.T16657)

TargetMol

Boc-NH-PEG2

Chemical Properties



CAS No. : 139115-91-6

Formula: C9H19NO4

Molecular Weight: 205.25

Storage: Keep away from direct sunlight
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	Boc-NH-PEG2 (PROTAC Linker 11) is a polyethylene glycol (PEG)-based linker used in the synthesis of PROTACs. [1]
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, or proteolysis-targeting chimeras, are composed of two distinct ligands joined by a linker. One of these ligands binds to a specific protein target, while the other binds to an E3 ubiquitin ligase. When the PROTAC binds to both the target protein and the E3 ligase, it triggers the ubiquitin-proteasome system within cells to degrade the target protein, thereby providing a mechanism for targeted protein degradation.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8721 mL	24.3605 mL	48.7211 mL
5 mM	0.9744 mL	4.8721 mL	9.7442 mL
10 mM	0.4872 mL	2.4361 mL	4.8721 mL
50 mM	0.0974 mL	0.4872 mL	0.9744 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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