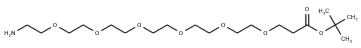
Data Sheet (Cat.No.T16315)

TargetMol

NH2-PEG6-Boc

Chemical Properties



CAS No. : 1286281-32-0

Formula: C19H39NO8

Molecular Weight: 409.51

Storage: Keep away from direct sunlight
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	NH2-PEG6-Boc is a PEG-based PROTAC linker used in PROTAC synthesis[1] and a non-cleavable 6-unit PEG ADC linker for antibody-drug conjugates (ADCs) synthesis[2].
Targets(IC50)	ADC Linker,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	2.4419 mL	12.2097 mL	24.4194 mL
5 mM	0.4884 mL	2.4419 mL	4.8839 mL
10 mM	0.2442 mL	1.221 mL	2.4419 mL
50 mM	0.0488 mL	0.2442 mL	0.4884 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

Foley CA, et al. Assessing the Cell Permeability of Bivalent Chemical Degraders Using the Chloroalkane Penetration Assay. ACS Chem Biol. 2020 Jan 17;15(1):290-295.
Kenneth John DIRICO, et al. Spliceostatin analogs. WO2014068443A1.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481