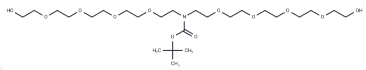
Data Sheet (Cat.No.T16209)

TargetMol

N-Boc-N-bis-PEG5

Chemical Properties



CAS No. : 2093154-02-8

Formula: C25H51NO12

Molecular Weight: 557.67

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	N-Boc-N-bis-PEG5 is a PEG-based linker for PROTACs, joining two essential ligands to facilitate the formation of PROTAC molecules. This linker enables selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands joined by a linker—one for an E3 ubiquitin ligase and the other for the target protein—leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7932 mL	8.9659 mL	17.9318 mL
5 mM	0.3586 mL	1.7932 mL	3.5864 mL
10 mM	0.1793 mL	0.8966 mL	1.7932 mL
50 mM	0.0359 mL	0.1793 mL	0.3586 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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