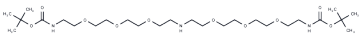
Data Sheet (Cat.No.T16304)

TargetMol

NH-bis(PEG3-C2-NH-Boc)

Chemical Properties



CAS No. : 2055024-51-4

Formula: C26H53N3O10

Molecular Weight: 567.71

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	NH-bis(PEG3-C2-NH-Boc) is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase, and the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7615 mL	8.8073 mL	17.6146 mL
5 mM	0.3523 mL	1.7615 mL	3.5229 mL
10 mM	0.1761 mL	0.8807 mL	1.7615 mL
50 mM	0.0352 mL	0.1761 mL	0.3523 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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