

N-Me-N-bis-PEG4

Chemical Properties

CAS No. : 2055046-22-3

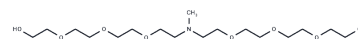
Formula: C17H37NO8

Molecular Weight: 383.48

Keep away from direct sunlight

Storage: 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-Me-N-bis-PEG4 is a PEG-based linker integral to PROTACs, facilitating the conjugation of two essential ligands that form PROTAC molecules, thereby enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together; one binds to an E3 ubiquitin ligase, while the other targets the intended protein, utilizing the intracellular ubiquitin-proteasome system to selectively degrade the target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6077 mL	13.0385 mL	26.077 mL
5 mM	0.5215 mL	2.6077 mL	5.2154 mL
10 mM	0.2608 mL	1.3038 mL	2.6077 mL
50 mM	0.0522 mL	0.2608 mL	0.5215 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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