

N,N-Diethanol amine-PEG4-Boc

Chemical Properties

CAS No. : 2279944-66-8

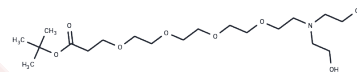
Formula: C₁₉H₃₉N₂O₈

Molecular Weight: 409.51

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,N-Diethanolamine-PEG4-Boc is a PEG-based PROTAC linker for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two distinct ligands linked together—one binding to an E3 ubiquitin ligase and the other to a target protein—utilize the intracellular ubiquitin-proteasome system for selective target protein degradation[1].

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

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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