

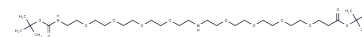
N-(Boc-PEG4)-NH-PEG4-NH-Boc

Chemical Properties

CAS No. : 2112737-17-2

Formula: C₃₀H₆₀N₂O₁₂

Molecular Weight: 640.8



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-(Boc-PEG4)-NH-PEG4-NH-Boc is a polyethylene glycol (PEG)-based PROteolysis TArgeting Chimera (PROTAC) linker designed for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5605 mL	7.8027 mL	15.6055 mL
5 mM	0.3121 mL	1.5605 mL	3.1211 mL
10 mM	0.1561 mL	0.7803 mL	1.5605 mL
50 mM	0.0312 mL	0.1561 mL	0.3121 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481