

t-Boc-Aminoxy-PEG7-methane

Chemical Properties

CAS No. : 2055041-27-3

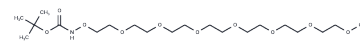
Formula: C₂₀H₄₁NO₁₀

Molecular Weight: 455.54

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	t-Boc-Aminoxy-PEG7-methane is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other 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	2.1952 mL	10.976 mL	21.952 mL
5 mM	0.439 mL	2.1952 mL	4.3904 mL
10 mM	0.2195 mL	1.0976 mL	2.1952 mL
50 mM	0.0439 mL	0.2195 mL	0.439 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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