

t-Boc-Aminoxy-PEG7-amine

Chemical Properties

CAS No. : 2226611-29-4

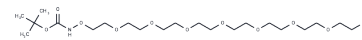
Formula: C₂₁H₄₄N₂O₁₀

Molecular Weight: 484.58

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-amine, a polyethylene glycol (PEG) derivative, serves as a PROTAC linker for synthesizing PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one targeting an E3 ubiquitin ligase and the other the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0636 mL	10.3182 mL	20.6364 mL
5 mM	0.4127 mL	2.0636 mL	4.1273 mL
10 mM	0.2064 mL	1.0318 mL	2.0636 mL
50 mM	0.0413 mL	0.2064 mL	0.4127 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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