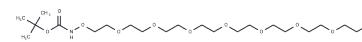


t-Boc-Aminoxy-PEG7-bromide

Chemical Properties

CAS No. :	2353410-15-6
Formula:	C ₂₁ H ₄₂ BrNO ₁₀
Molecular Weight:	548.46
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	t-Boc-Aminoxy-PEG7-bromide is a polyethylene glycol (PEG)-based bifunctional linker used in synthesizing proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: 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	1.8233 mL	9.1164 mL	18.2329 mL
5 mM	0.3647 mL	1.8233 mL	3.6466 mL
10 mM	0.1823 mL	0.9116 mL	1.8233 mL
50 mM	0.0365 mL	0.1823 mL	0.3647 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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