

N-(Propargyl-PEG2)-N-Boc-PEG3-t-butyl ester

Chemical Properties

CAS No. : 2093152-78-2

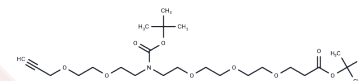
Formula: C₂₅H₄₅N_O₉

Molecular Weight: 503.63

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-(Propargyl-PEG2)-N-Boc-PEG3-t-butyl ester 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, comprising two ligands joined by a linker—one for an E3 ubiquitin ligase and the other for the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9856 mL	9.9279 mL	19.8558 mL
5 mM	0.3971 mL	1.9856 mL	3.9712 mL
10 mM	0.1986 mL	0.9928 mL	1.9856 mL
50 mM	0.0397 mL	0.1986 mL	0.3971 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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