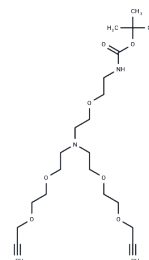


N-(Boc-PEG1)-N-bis(PEG2-propargyl)

Chemical Properties

CAS No. :	2100306-63-4
Formula:	C23H40N2O7
Molecular Weight:	456.57
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	N-(Boc-PEG1)-N-bis(PEG2-propargyl) is a polyethylene glycol (PEG)-derived linker utilized in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1902 mL	10.9512 mL	21.9024 mL
5 mM	0.438 mL	2.1902 mL	4.3805 mL
10 mM	0.219 mL	1.0951 mL	2.1902 mL
50 mM	0.0438 mL	0.219 mL	0.438 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.

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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