

N-Boc-N-bis(PEG3-NHS ester)

Chemical Properties

CAS No. : 2055042-31-2

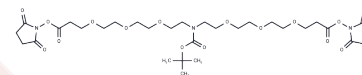
Formula: C₃₁H₄₉N₃O₁₆

Molecular Weight: 719.73

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-Boc-N-bis(PEG3-NHS 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 are molecules comprising two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other binds to a specific target protein. They leverage the intracellular ubiquitin-proteasome system to facilitate the selective degradation of these target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3894 mL	6.947 mL	13.8941 mL
5 mM	0.2779 mL	1.3894 mL	2.7788 mL
10 mM	0.1389 mL	0.6947 mL	1.3894 mL
50 mM	0.0278 mL	0.1389 mL	0.2779 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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