

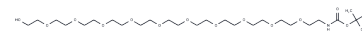
Boc-NH-PEG11-OH

Chemical Properties

CAS No. : 1556847-53-0

Formula: C₂₇H₅₅N₃O₁₃

Molecular Weight: 601.72



Keep away from direct sunlight

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Boc-NH-PEG11-OH, a PEG-based PROTAC linker, is utilized in PROTAC synthesis.
Targets(IC ₅₀)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binding to an E3 ubiquitin ligase and the other to a target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6619 mL	8.3095 mL	16.619 mL
5 mM	0.3324 mL	1.6619 mL	3.3238 mL
10 mM	0.1662 mL	0.831 mL	1.6619 mL
50 mM	0.0332 mL	0.1662 mL	0.3324 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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