

Ald-Ph-PEG6-Boc

Chemical Properties

CAS No. : 2055013-49-3

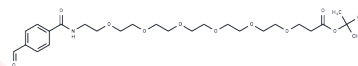
Formula: C₂₇H₄₃N₁₀O₁₀

Molecular Weight: 541.63

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	Ald-Ph-PEG6-Boc is a PEG-based linker for PROTACs that joins two essential ligands, crucial for the formation of PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8463 mL	9.2314 mL	18.4628 mL
5 mM	0.3693 mL	1.8463 mL	3.6926 mL
10 mM	0.1846 mL	0.9231 mL	1.8463 mL
50 mM	0.0369 mL	0.1846 mL	0.3693 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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