

DNP-PEG6-Boc

Chemical Properties

CAS No. :

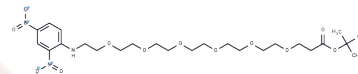
Formula: C₂₅H₄₁N₃O₁₂

Molecular Weight: 575.61

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	DNP-PEG6-Boc, a PEG-based linker for PROTACs, connects two essential ligands crucial for forming PROTAC molecules, and enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binding to an E3 ubiquitin ligase and the other 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	1.7373 mL	8.6864 mL	17.3729 mL
5 mM	0.3475 mL	1.7373 mL	3.4746 mL
10 mM	0.1737 mL	0.8686 mL	1.7373 mL
50 mM	0.0347 mL	0.1737 mL	0.3475 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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