

DNP-PEG12-acid

Chemical Properties

CAS No. :

Formula: C33H57N3O18

Molecular Weight: 783.81



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-PEG12-acid, a PEG-based linker for PROTACs, joins two essential ligands crucial for forming PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two different ligands connected by a linker: 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	1.2758 mL	6.3791 mL	12.7582 mL
5 mM	0.2552 mL	1.2758 mL	2.5516 mL
10 mM	0.1276 mL	0.6379 mL	1.2758 mL
50 mM	0.0255 mL	0.1276 mL	0.2552 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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