

## N3-PEG24-Hydrazide

## Chemical Properties

CAS No. :

Formula: C51H103N5O25

Molecular Weight: 1186.38

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	N3-PEG24-Hydrazide is a PEG-based linker for PROTACs, joining two essential ligands necessary for PROTAC molecule formation. This linker facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8429 mL	4.2145 mL	8.429 mL
5 mM	0.1686 mL	0.8429 mL	1.6858 mL
10 mM	0.0843 mL	0.4215 mL	0.8429 mL
50 mM	0.0169 mL	0.0843 mL	0.1686 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.

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