

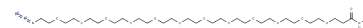
## N3-PEG12-Hydrazide

## Chemical Properties

CAS No. :

Formula: C27H55N5O13

Molecular Weight: 657.75



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-PEG12-Hydrazide is a PEG-based linker for PROTACs, efficiently joining two essential ligands critical 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 are composed of two ligands linked together: one targets an E3 ubiquitin ligase and the other targets the desired protein. They utilize the ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5203 mL	7.6017 mL	15.2033 mL
5 mM	0.3041 mL	1.5203 mL	3.0407 mL
10 mM	0.152 mL	0.7602 mL	1.5203 mL
50 mM	0.0304 mL	0.152 mL	0.3041 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481