

## N3-PEG8-CH2COOH

## Chemical Properties

CAS No. : 1343472-07-0

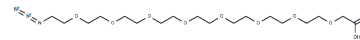
Formula: C18H35N3O10

Molecular Weight: 453.48

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-PEG8-CH2COOH, a PEG-based linker for PROTACs, joins 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 joined by a linker: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2052 mL	11.0258 mL	22.0517 mL
5 mM	0.441 mL	2.2052 mL	4.4103 mL
10 mM	0.2205 mL	1.1026 mL	2.2052 mL
50 mM	0.0441 mL	0.2205 mL	0.441 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

Steinmetz NF, et al. Intravital imaging of human prostate cancer using viral nanoparticles targeted to gastrin-releasing Peptide receptors. Small. 2011 Jun 20;7(12):1664-72.

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