

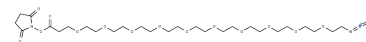
## Azido-PEG10-NHS ester

## Chemical Properties

CAS No. :

Formula: C27H48N4O14

Molecular Weight: 652.69



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	Azido-PEG10-NHS ester is a PEG-based linker for PROTACs, joining two essential ligands to form 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 distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. Utilizing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5321 mL	7.6606 mL	15.3212 mL
5 mM	0.3064 mL	1.5321 mL	3.0642 mL
10 mM	0.1532 mL	0.7661 mL	1.5321 mL
50 mM	0.0306 mL	0.1532 mL	0.3064 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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