

## Azido-PEG16-NHS ester

## Chemical Properties

CAS No. :

Formula: C39H72N4O20

Molecular Weight: 917

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-PEG16-NHS ester is a PEG-based linker utilized in the synthesis of PROTACs (proteolysis-targeting chimeras), facilitating the conjugation of two essential ligands necessary for PROTAC formation and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase, while the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade these target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0905 mL	5.4526 mL	10.9051 mL
5 mM	0.2181 mL	1.0905 mL	2.181 mL
10 mM	0.1091 mL	0.5453 mL	1.0905 mL
50 mM	0.0218 mL	0.1091 mL	0.2181 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