

Azido-PEG4-NHS-ester

Chemical Properties

CAS No. : 1807534-82-2

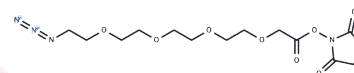
Formula: C14H22N4O8

Molecular Weight: 374.35

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-PEG4-NHS-ester is a PEG-based linker for PROTACs, joining two essential ligands and facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands linked together, utilize the ubiquitin-proteasome system to selectively degrade target proteins; one ligand binds to an E3 ubiquitin ligase, while the other targets the specific protein[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6713 mL	13.3565 mL	26.713 mL
5 mM	0.5343 mL	2.6713 mL	5.3426 mL
10 mM	0.2671 mL	1.3356 mL	2.6713 mL
50 mM	0.0534 mL	0.2671 mL	0.5343 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