

Azido-PEG9-NHS ester

Chemical Properties

CAS No. :

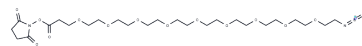
Formula: C₂₅H₄₄N₄O₁₃

Molecular Weight: 608.64

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-PEG9-NHS ester is a PEG-based linker for PROTACs, facilitating the conjugation of two essential ligands crucial for PROTAC molecule formation, thus enabling selective protein degradation via the ubiquitin-proteasome system in 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 binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.643 mL	8.215 mL	16.4301 mL
5 mM	0.3286 mL	1.643 mL	3.286 mL
10 mM	0.1643 mL	0.8215 mL	1.643 mL
50 mM	0.0329 mL	0.1643 mL	0.3286 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