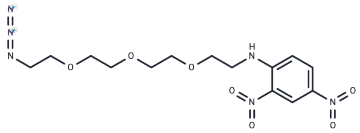
Data Sheet (Cat.No.T15150)

TargetMol
YOUR TARGET MOLECULES

DNP-PEG3-azide

Chemical Properties



CAS No. : 951671-87-7

Formula: C14H20N6O7

Molecular Weight: 384.34

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	DNP-PEG3-azide is a PEG-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6019 mL	13.0093 mL	26.0186 mL
5 mM	0.5204 mL	2.6019 mL	5.2037 mL
10 mM	0.2602 mL	1.3009 mL	2.6019 mL
50 mM	0.052 mL	0.2602 mL	0.5204 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.

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481