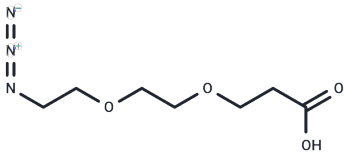
Data Sheet (Cat.No.T14418)

TargetMol
YOUR TARGET MOLECULES

Azido-PEG2-C2-acid

Chemical Properties



CAS No. : 1312309-63-9

Formula: C7H13N3O4

Molecular Weight: 203.2

Appearance: no data available

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

Biological Description

Description	Azido-PEG2-C2-acid 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	4.9213 mL	24.6063 mL	49.2126 mL
5 mM	0.9843 mL	4.9213 mL	9.8425 mL
10 mM	0.4921 mL	2.4606 mL	4.9213 mL
50 mM	0.0984 mL	0.4921 mL	0.9843 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