

Azido-PEG2-C2-acid

Chemical Properties

CAS No. : 1312309-63-9

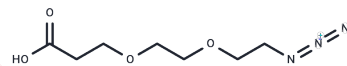
Formula: C₇H₁₃N₃O₄

Molecular Weight: 203.2

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-PEG2-C2-acid is a PEG-based linker for PROTACs that joins two essential ligands, facilitating PROTAC molecule formation and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs contain two distinct ligands connected by a linker; one binds to an E3 ubiquitin ligase and the other to a target protein. They leverage 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.

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

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481