

Propargyl-PEG10-amine

Chemical Properties

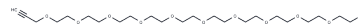
CAS No. : 2112737-25-2

Formula: C₂₃H₄₅NO₁₀

Molecular Weight: 495.6

Appearance: no data available

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



Biological Description

Description	Propargyl-PEG10-amine 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.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0178 mL	10.0888 mL	20.1776 mL
5 mM	0.4036 mL	2.0178 mL	4.0355 mL
10 mM	0.2018 mL	1.0089 mL	2.0178 mL
50 mM	0.0404 mL	0.2018 mL	0.4036 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

Guangrong Zheng, et al. Bcl-2 proteins degraders for cancer treatment. WO2019144117A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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