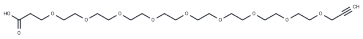
Data Sheet (Cat.No.T39083)

TargetMol

Propargyl-PEG9-acid

Chemical Properties



CAS No. : 1613752-50-3

Formula: C22H40O11

Molecular Weight: 480.551

Storage: Keep away from direct sunlight
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	Propargyl-PEG9-acid, a PEG-based linker for PROTACs, joins two essential ligands crucial for forming PROTAC molecules, enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, containing two distinct ligands joined by a linker–one binding to an E3 ubiquitin ligase and the other to the target protein–utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0809 mL	10.4047 mL	20.8095 mL
5 mM	0.4162 mL	2.0809 mL	4.1619 mL
10 mM	0.2081 mL	1.0405 mL	2.0809 mL
50 mM	0.0416 mL	0.2081 mL	0.4162 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

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