

Propargyl-PEG24-amine

Chemical Properties

CAS No. :

Formula: C₅₁H₁₀₁N₂O₂₄

Molecular Weight: 1112.34

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	Propargyl-PEG24-amine is a PEG-based linker (PROTACs) that joins two essential ligands crucial for forming PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands connected by a linker, utilize one ligand for an E3 ubiquitin ligase and the other for the target protein to exploit the intracellular ubiquitin-proteasome system for selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.899 mL	4.495 mL	8.9901 mL
5 mM	0.1798 mL	0.899 mL	1.798 mL
10 mM	0.0899 mL	0.4495 mL	0.899 mL
50 mM	0.018 mL	0.0899 mL	0.1798 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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