

## Azido-PEG24-alcohol

## Chemical Properties

CAS No. :	2415674-94-9
Formula:	C48H97N3O24
Molecular Weight:	1100.29
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Azido-PEG24-alcohol is a PEG-based linker for PROTACs that connects two essential ligands, which is crucial for forming PROTAC molecules [Azido-PEG24-alcohol]. This linker facilitates selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase while the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system for the selective degradation of target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9089 mL	4.5443 mL	9.0885 mL
5 mM	0.1818 mL	0.9089 mL	1.8177 mL
10 mM	0.0909 mL	0.4544 mL	0.9089 mL
50 mM	0.0182 mL	0.0909 mL	0.1818 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

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