

## Azido-PEG24-NHS ester

## Chemical Properties

CAS No. : 2375600-46-5

Formula: C55H104N4O28

Molecular Weight: 1269.42

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-PEG24-NHS ester is a PEG-based linker for PROTACs, enabling selective protein degradation via the ubiquitin-proteasome system within cells by joining two essential ligands [crucial for forming PROTAC molecules].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other the desired protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7878 mL	3.9388 mL	7.8776 mL
5 mM	0.1576 mL	0.7878 mL	1.5755 mL
10 mM	0.0788 mL	0.3939 mL	0.7878 mL
50 mM	0.0158 mL	0.0788 mL	0.1576 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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