

## Azido-PEG20-alcohol

## Chemical Properties

CAS No. : 1637297-21-2

Formula: C40H81N3O20

Molecular Weight: 924.08

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-PEG20-alcohol is a PEG-based PROTAC linker for synthesising PROTAC molecules, featuring an azide group capable of click chemistry reactions.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs are composed of two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0822 mL	5.4108 mL	10.8216 mL
5 mM	0.2164 mL	1.0822 mL	2.1643 mL
10 mM	0.1082 mL	0.5411 mL	1.0822 mL
50 mM	0.0216 mL	0.1082 mL	0.2164 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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