

## Azido-PEG10-alcohol

## Chemical Properties

CAS No. : 877239-09-3

Formula: C<sub>20</sub>H<sub>41</sub>N<sub>3</sub>O<sub>10</sub>

Molecular Weight: 483.55

Keep away from direct sunlight

Storage: Pure form: -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-PEG10-alcohol, a PEG-based PROTAC linker, is utilized in PROTAC synthesis [1].
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a connector: one ligand binds to an E3 ubiquitin ligase, while the other binds to the target protein. PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.068 mL	10.3402 mL	20.6804 mL
5 mM	0.4136 mL	2.068 mL	4.1361 mL
10 mM	0.2068 mL	1.034 mL	2.068 mL
50 mM	0.0414 mL	0.2068 mL	0.4136 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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