

## TCO-PEG4-amine

## Chemical Properties

CAS No. : 2243569-24-4

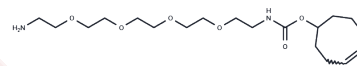
Formula: C19H36N2O6

Molecular Weight: 388.505

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	TCO-PEG4-amine is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the selective protein degradation by leveraging the ubiquitin-proteasome system within cells. [PROTACs]
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5739 mL	12.8697 mL	25.7394 mL
5 mM	0.5148 mL	2.5739 mL	5.1479 mL
10 mM	0.2574 mL	1.287 mL	2.5739 mL
50 mM	0.0515 mL	0.2574 mL	0.5148 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

Wang Y, et al. Degradation of proteins by PROTACs and other strategies. Acta Pharm Sin B. 2020 Feb;10(2):207-238.

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