

## TCO-PEG2-amine

## Chemical Properties

CAS No. : 2141981-87-3

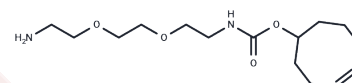
Formula: C<sub>15</sub>H<sub>28</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight: 300.399

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-PEG2-amine is a PEG-based linker for PROTACs, joining two essential ligands to form PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins by connecting two distinct ligands—a ligand for an E3 ubiquitin ligase and a ligand for the target protein—via a linker [PROTACs].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3289 mL	16.6445 mL	33.2889 mL
5 mM	0.6658 mL	3.3289 mL	6.6578 mL
10 mM	0.3329 mL	1.6644 mL	3.3289 mL
50 mM	0.0666 mL	0.3329 mL	0.6658 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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