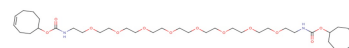


## TCO-PEG8-TCO

## Chemical Properties

CAS No.:	2353409-67-1
Formula:	C <sub>36</sub> H <sub>64</sub> N <sub>2</sub> O <sub>12</sub>
Molecular Weight:	716.9
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	TCO-PEG8-TCO is a PEG-based PROTAC linker can be used in the synthesis of PROTACs[1].
Targets(IC <sub>50</sub> )	PEGs: None
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.395 mL	6.974 mL	13.949 mL
5 mM	0.279 mL	1.395 mL	2.79 mL
10 mM	0.139 mL	0.697 mL	1.395 mL
50 mM	0.028 mL	0.139 mL	0.279 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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