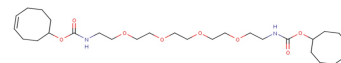


TCO-PEG4-TCO

Chemical Properties

CAS No.:	2243569-23-3
Formula:	C ₂₈ H ₄₈ N ₂ O ₈
Molecular Weight:	540.69
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	TCO-PEG4-TCO is a PEG-based PROTAC linker can be used in the synthesis of PROTACs[1].
Targets(IC ₅₀)	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	1.849 mL	9.247 mL	18.495 mL
5 mM	0.37 mL	1.849 mL	3.699 mL
10 mM	0.185 mL	0.925 mL	1.849 mL
50 mM	0.037 mL	0.185 mL	0.37 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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