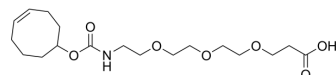


TCO-PEG3-acid

Cat. No.:	HY-140015
CAS No.:	2141981-86-2
Molecular Formula:	C ₁₈ H ₃₁ NO ₇
Molecular Weight:	373.44
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TCO-PEG3-acid is a PEG-based PROTAC linker can be used in the synthesis of PROTACs ^[1] . TCO-PEG3-acid is a click chemistry reagent, it contains a TCO group that can undergo an inverse electron demand Diels-Alder reaction (IEDDA) with molecules containing Tetrazine groups.
IC ₅₀ & Target	PEGs
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. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA