

Product Data Sheet

Inhibitors

Screening Libraries

Proteins

TCO-PEG2-amine

Cat. No.: HY-141177 CAS No.: 2141981-87-3 Molecular Formula: $C_{15}H_{28}N_2O_4$ Molecular Weight: 300.39

Target: **PROTAC Linkers**

Pathway: PROTAC

Storage: 4°C, protect from light

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

BIOLOGICAL ACTIVITY

Description	TCO-PEG2-amine is a PEG-based PROTAC linker can be used in the synthesis of $PROTACs^{[1]}$.
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.

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