

## **Product** Data Sheet

## Propargyl-PEG9-amine

 Cat. No.:
 HY-130373

 CAS No.:
 2093153-98-9

 Molecular Formula:
 C<sub>21</sub>H<sub>41</sub>NO<sub>9</sub>

 Molecular Weight:
 451.55

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	Propargyl-PEG9-amine is a PEG-based PROTAC linker can be used in the synthesis of PROTACs. Propargyl-PEG9-amine is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAc) with molecules containing Azide groups.
IC <sub>50</sub> & 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]. Guangrong Zheng, et al. Bcl-2 proteins degraders for cancer treatment. WO2019144117A1.

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

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Screening Libraries • Pro

Inhibitors

**Proteins**