Propargyl-PEG8-Boc

Cat. No.: HY-130375

CAS No.: 2055014-96-3

Molecular Formula: $C_{24}H_{44}O_{10}$

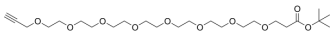
Molecular Weight: 492.6

Target: PROTAC Linkers

Pathway: PROTAC

Storage:

Pure form	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Propargyl-PEG7-Boc is a PEG-based PROTAC linker can be used in the synthesis of PROTACs[1]. Propargyl-PEG8-Boc 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_{50} & Target	PEGs	Alkyl/ether
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]. Noah Bell, et al. Compounds and methods for inhibiting phosphate transport. WO2012054110A2.

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