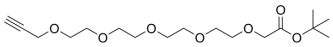
Propargyl-PEG4-O-C1-Boc

Cat. No.:	HY-130389
CAS No.:	2098489-63-3
Molecular Formula:	$C_{17}H_{30}O_7$
Molecular Weight:	346.42
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-PEG4-O-C1-Boc is a PEG-based PROTAC linker can be used in the synthesis of PROTACs[1]. Propargyl-PEG4-O-C1-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]. Wurz RP, et al. A "Click Chemistry Platform" for the Rapid Synthesis of Bispecific Molecules for Inducing ProteinDegradation. J Med Chem. 2018 Jan 25;61(2):453-461.

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