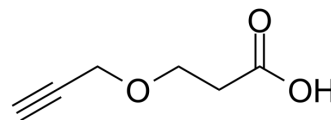


Propargyl-PEG1-acid

Cat. No.:	HY-130504		
CAS No.:	55683-37-9		
Molecular Formula:	C ₆ H ₈ O ₃		
Molecular Weight:	128.13		
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-PEG1-acid is a PEG-based PROTAC linker can be used in the synthesis of BTK-CRBN PROTACs Ibrutinib(HY-10997)-based PROTAC 4 and PROTAC 5. PROTAC 5 causes the degradation of BTK and induces the degradation of CSK, LYN, and LAT2 at 10 μM ^[1] .
IC₅₀ & Target	PEGs
In Vitro	BTK-CRBN PROTACs act as stoichiometric degraders, resulting in degradation of BTK protein. Degradation of BTK is a result of cereblon E3 ligases family recruitment ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Tinworth CP, et al. PROTAC-Mediated Degradation of Bruton's Tyrosine Kinase Is Inhibited by Covalent Binding. ACS Chem Biol. 2019 Mar 15;14(3):342-347.

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