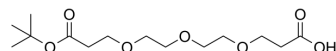


Acid-PEG3-C2-Boc

Cat. No.:	HY-130549		
CAS No.:	1807539-06-5		
Molecular Formula:	C ₁₄ H ₂₆ O ₇		
Molecular Weight:	306.35		
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	Acid-PEG3-C2-Boc is a PEG- and Alkyl/ether-based PROTAC linker can be used in the synthesis of PROTACs for the degradation of EGFR and inhibition of mTOR ^{[1][2]} .		
IC₅₀ & 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]. Nathanael Gray, et al. Bifunctional molecules for degradation of egfr and methods of use. WO2017185036A1.

[2]. Christopher Semko, et al. Rapamycin analogs as mtor inhibitors. WO 2018204416 A1.

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

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