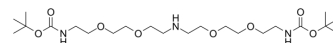


## NH-bis(C2-PEG2-NH-Boc)

Cat. No.:	HY-130531		
CAS No.:	2182601-69-8		
Molecular Formula:	C <sub>22</sub> H <sub>45</sub> N <sub>3</sub> O <sub>8</sub>		
Molecular Weight:	479.61		
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	NH-bis(C2-PEG2-NH-Boc) is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[1]</sup> .		
IC <sub>50</sub> & 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 <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

### REFERENCES

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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

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