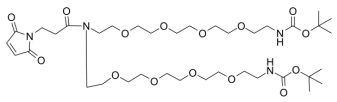
N-Mal-N-bis(PEG4-NH-Boc)

Cat. No.:	HY-140575
CAS No.:	2128735-27-1
Molecular Formula:	$C_{37}H_{66}N_4O_{15}$
Molecular Weight:	806.94
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	N-Mal-N-bis(PEG4-NH-Boc) is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].	
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[1]. 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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