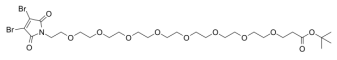
3,4-Dibromo-Mal-PEG8-Boc

Cat. No.:	HY-141007
CAS No.:	2055198-02-0
Molecular Formula:	$C_{27}H_{45}Br_2NO_{12}$
Molecular Weight:	735.45
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	3,4-Dibromo-Mal-PEG8-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

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