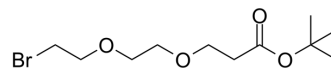


Bromo-PEG2-C2-Boc

Cat. No.:	HY-141365		
CAS No.:	1381861-91-1		
Molecular Formula:	C ₁₁ H ₂₁ BrO ₄		
Molecular Weight:	297.19		
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



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (336.49 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.3649 mL	16.8243 mL	33.6485 mL
	5 mM	0.6730 mL	3.3649 mL	6.7297 mL
	10 mM	0.3365 mL	1.6824 mL	3.3649 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description	Bromo-PEG2-C2-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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