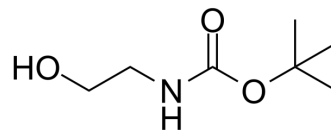


Boc-NH-PEG1-OH

Cat. No.:	HY-W007322		
CAS No.:	26690-80-2		
Molecular Formula:	C ₇ H ₁₅ NO ₃		
Molecular Weight:	161.2		
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 (620.35 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	6.2035 mL	31.0174 mL	62.0347 mL
	5 mM	1.2407 mL	6.2035 mL	12.4069 mL
	10 mM	0.6203 mL	3.1017 mL	6.2035 mL

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

BIOLOGICAL ACTIVITY

Description	Boc-NH-PEG1-OH is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[1] .
IC₅₀ & Target	PEGs
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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