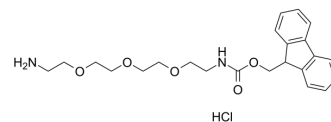


## FmocNH-PEG3-CH2CH2NH2 hydrochloride

Cat. No.:	HY-W190961		
CAS No.:	906079-91-2		
Molecular Formula:	C <sub>23</sub> H <sub>31</sub> ClN <sub>2</sub> O <sub>5</sub>		
Molecular Weight:	450.96		
Target:	PROTAC Linkers		
Pathway:	PROTAC		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (277.19 mM; Need ultrasonic)  
 H<sub>2</sub>O : 125 mg/mL (277.19 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		2.2175 mL	11.0875 mL	22.1749 mL
	5 mM		0.4435 mL	2.2175 mL	4.4350 mL
	10 mM		0.2217 mL	1.1087 mL	2.2175 mL

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

### BIOLOGICAL ACTIVITY

Description	FmocNH-PEG3-CH2CH2NH2 (hydrochloride) is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[1]</sup> .
IC <sub>50</sub> & 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 <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Nalawansa DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27(8):998-985.

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

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