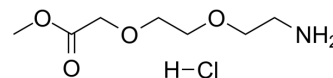


NH2-PEG2-methyl acetate hydrochloride

Cat. No.:	HY-W096162A
CAS No.:	208647-73-8
Molecular Formula:	C ₇ H ₁₆ ClNO ₄
Molecular Weight:	213.66
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (468.03 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	4.6803 mL	23.4017 mL	46.8033 mL
		5 mM	0.9361 mL	4.6803 mL	9.3607 mL
	10 mM	0.4680 mL	2.3402 mL	4.6803 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (11.70 mM); Clear solution; Need ultrasonic 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (11.70 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	NH2-PEG2-methyl acetate is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[1] .
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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