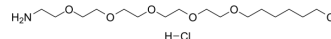


NH2-PEG5-C6-Cl hydrochloride

Cat. No.:	HY-129622A
CAS No.:	2241669-16-7
Molecular Formula:	C ₁₆ H ₃₅ Cl ₂ NO ₅
Molecular Weight:	392.36
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 250 mg/mL (637.17 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		2.5487 mL	12.7434 mL	25.4868 mL
	5 mM		0.5097 mL	2.5487 mL	5.0974 mL
	10 mM		0.2549 mL	1.2743 mL	2.5487 mL

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

BIOLOGICAL ACTIVITY

Description	NH2-PEG5-C6-Cl hydrochloride is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[1] .
IC ₅₀ & 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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