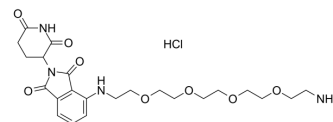


Pomalidomide-PEG4-C2-NH2 hydrochloride

Cat. No.:	HY-112599B
CAS No.:	2357105-92-9
Molecular Formula:	C ₂₃ H ₃₃ ClN ₄ O ₈
Molecular Weight:	528.98
Target:	E3 Ligase Ligand-Linker Conjugates
Pathway:	PROTAC
Storage:	-20°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 : 220 mg/mL (415.89 mM; Need ultrasonic)					
	H ₂ O : 100 mg/mL (189.04 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		1.8904 mL	9.4522 mL	18.9043 mL
5 mM			0.3781 mL	1.8904 mL	3.7809 mL	
	10 mM		0.1890 mL	0.9452 mL	1.8904 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: 5.5 mg/mL (10.40 mM); Suspended solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 5.5 mg/mL (10.40 mM); Suspended solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Pomalidomide-PEG4-C2-NH2 hydrochloride is a synthesized E3 ligase ligand-linker conjugate that incorporates the Pomalidomide based cereblon ligand and 4-unit PEG linker used in the synthesis of PROTACs..
IC₅₀ & Target	Cereblon

REFERENCES

[1]. Jian Jin, et al. Compositions and methods for treating ezh2-mediated cancer. WO2018081530A1.

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

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