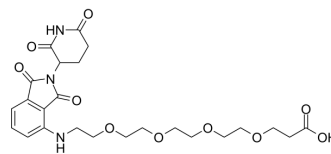


Pomalidomide-PEG4-COOH

Cat. No.:	HY-133699		
CAS No.:	2138440-81-8		
Molecular Formula:	C ₂₄ H ₃₁ N ₃ O ₁₀		
Molecular Weight:	521.52		
Target:	Ligands for E3 Ligase		
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 (191.75 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	1.9175 mL	9.5874 mL	19.1747 mL
	5 mM	0.3835 mL	1.9175 mL	3.8349 mL
	10 mM	0.1917 mL	0.9587 mL	1.9175 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 (4.79 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.79 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Pomalidomide-PEG4-COOH is a E3 ligase ligand-linker conjugate. Pomalidomide-PEG4-COOH contains the Pomalidomide based cereblon ligand and 4-unit PEG linker used in PROTAC technology (extracted from patent WO2017184995A1) ^[1] .
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REFERENCES

[1]. Guangrong Zheng, et al. Compounds that induce degradation of anti-apoptotic bcl-2 family proteins and the uses thereof. Patent WO2017184995A1.

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

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