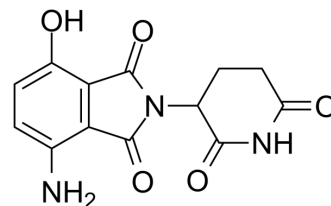


CC-17369

Cat. No.:	HY-123215		
CAS No.:	1547162-46-8		
Molecular Formula:	C ₁₃ H ₁₁ N ₃ O ₅		
Molecular Weight:	289.24		
Target:	Ligands for E3 Ligase		
Pathway:	PROTAC		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (172.87 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.4573 mL	17.2867 mL	34.5734 mL
		5 mM	0.6915 mL	3.4573 mL	6.9147 mL
10 mM		0.3457 mL	1.7287 mL	3.4573 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 (8.64 mM); Suspended solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (8.64 mM); Suspended solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	CC-17369 (7-Hydroxy pomalidomide) is a metabolite of Pomalidomide. CC-17369 is the Pomalidomide -based cereblon (CRBN) ligand used in the recruitment of CRBN protein. CC-17369 can be connected to the ligand for protein by a linker to form PROTAC ^[1] .
IC ₅₀ & Target	Cereblon

REFERENCES

[1]. Hoffmann M, et al. Absorption, metabolism and excretion of [14C]pomalidomide in humans following oral administration. *Cancer Chemother Pharmacol.* 2013;71(2):489-501.

[2]. Makbul C, et al. Slowly folding surface extension in the prototypic avian hepatitis B virus capsid governs stability. *Elife.* 2020;9:e57277. Published 2020 Aug 14.

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

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