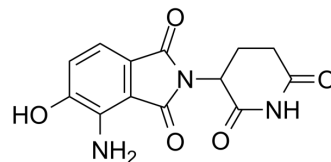


Pomalidomide-5-OH

Cat. No.:	HY-123324
CAS No.:	1547162-41-3
Molecular Formula:	C ₁₃ H ₁₁ N ₃ O ₅
Molecular Weight:	289.24
Target:	Ligands for E3 Ligase
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pomalidomide-5-OH (5-hydroxy pomalidomide) is the Pomalidomide-based cereblon (CRBN) ligand used in the recruitment of CRBN protein. Pomalidomide-5-OH can be connected to the ligand for protein by a linker to form PROTAC ^[1] .
IC ₅₀ & Target	Cereblon
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]. Matthew Hoffmann, et al. Absorption, metabolism and excretion of [14C]pomalidomide in humans following oral administration. *Cancer Chemother Pharmacol.* 2013 Feb;71(2):489-501.

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

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