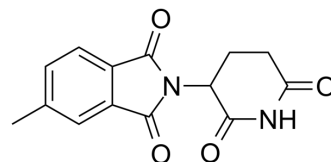


Thalidomide-5-methyl

Cat. No.:	HY-139548
CAS No.:	40313-92-6
Molecular Formula:	C ₁₄ H ₁₂ N ₂ O ₄
Molecular Weight:	272.26
Target:	Ligands for E3 Ligase
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Thalidomide-5-methyl is the Thalidomide-based cereblon (CRBN) ligand used in the recruitment of CRBN protein ^[1] .
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]. George W. Muller, et al. Substituted 2-(2,6 dioxo-3-fluoropiperidin-3-yl)-isoindolines and method of reducing TNF α levels. Patent US5874448A.

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

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