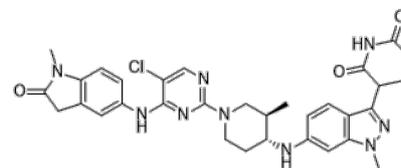


Product Name : BMS-986458
Cat. No. : PC-24668
CAS No. : 3005272-36-3
Molecular Formula : C₃₂H₃₄ClN₉O₃
Molecular Weight : 628.13
Target : PROTAC
Solubility : 10 mM in DMSO



CAS: 3005272-36-3

Biological Activity

BMS-986458 is a potent, highly selective, orally bioavailable CRL4 CRBN E3 ubiquitin ligase-dependent **BCL6** ligand directed degrader with CRBN binding IC₅₀ of 41 nM, and BCL-6 degradation of 0.2 nM in OCI-LY-1 cells (2 h). BMS-986458 demonstrates an exquisite selectivity for BCL6 degradation. In a panel of known CRBN neosubstrate assays, no degradation of CK1 α , GSPT1, IKZF1, IZKF3, nor SALL4. BMS-986458 potently exhibits antiproliferative effect against OCI-LY-1 cells with GI₅₀ of 1.2 nM. BMS-986458 rapidly degrades BCL6 protein to levels that drive broad anti-tumor effects in 80% of BCL6 expressing NHL cell lines and all ex vivo patient derived xenograft (PDX) models evaluated.

References

Lynda Grocock, et al. Blood. Volume 144, Supplement 1, 5 November 2024, Page 957.
Patent WO2023212147 A1.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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