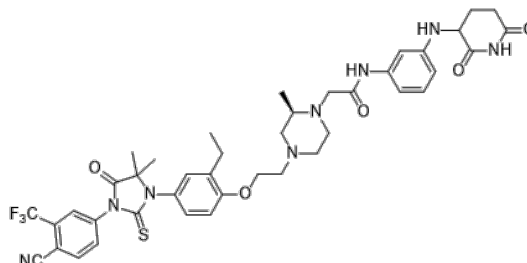


Product Name : BMS-986365
Cat. No. : PC-22117
CAS No. : 2446928-30-7
Molecular Formula : C₄₁H₄₅F₃N₈O₅S
Molecular Weight : 818.92
Target : PROTAC
Solubility : 10 mM in DMSO



CAS: 2446928-30-7

Biological Activity

BMS-986365 (CC-94676) is a highly potent and selective **androgen receptor** (AR) degrader with DC50 of 10-40 nM, induces rapid and deep degradation of both wildtype and mutant forms of AR.

BMS-986365 is a heterobifunctional ligand-directed degrader (LDD) that enables the CRL4CRBN E3 ligase-dependent ubiquitination and degradation of AR.

100-fold more potent than enzalutamide (ENZ) at inhibiting androgen-stimulated transcription of AR target genes, and 10 to 120-fold more potent than ENZ at inhibiting AR-dependent proliferation of multiple prostate cancer cell lines in vitro.

BMS-986365 demonstrates on-target activity, degrading AR, suppressing AR signaling, and inhibiting tumor growth in animal models of advanced prostate cancer, with tumor volume reductions of 63-92% in therapy resistant patient-derived xenografts, including those with acquired resistance to ENZ.

References

Shuichan Xu, et al. *Cancer Res* (2024) 84 (7_Supplement): ND02.

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

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