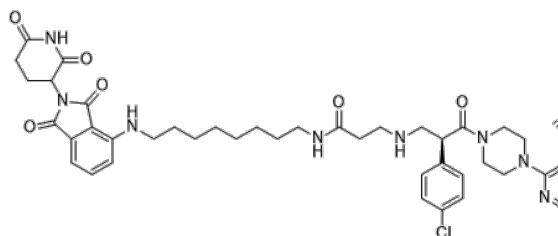


Product Name : MS170
Cat. No. : PC-22099
CAS No. : 2376136-61-5
Molecular Formula : C₄₅H₅₆ClN₉O₇
Molecular Weight : 870.45
Target : PROTAC
Solubility : 10 mM in DMSO



CAS: 2376136-61-5

Biological Activity

MS170 (AKT PROTAC degrader) is a potent, selective, cereblon (CRBN)-recruiting AKT PROTAC degrader with DC50 of 32 nM (cellular T-AKT in BT474 cells).

MS170 binds to AKT1, AKT2, and AKT3 with K_d values of 1.3 nM, 77 nM, and 6.5 nM, respectively.

MS170 selectively induces robust AKT protein degradation, inhibits downstream signaling, and suppresses cancer cell proliferation.

MS170 is a useful chemical tool to investigate biological and pathogenic functions of AKT in vitro and in vivo.

References

Yu X, et al. J Med Chem. 2021;64(24):18054-18081.

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

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