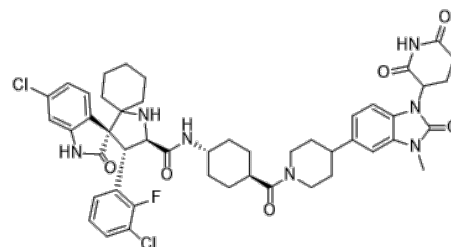


Product Name : KT-253
Cat. No. : PC-24182
CAS No. : 2713618-08-5
Molecular Formula : C₄₈H₅₂Cl₂FN₇O₆
Molecular Weight : 912.89
Target : PROTAC
Solubility : 10 mM in DMSO



CAS: 2713618-08-5

Biological Activity

Seldagamadlin (KT-253, KT253) is a potent, selective heterobifunctional **MDM2** degrader (DC50=0.4 nM) and p53 stabilizer.

KT-253 inhibits the proliferation of cancer cell RS4;11 with IC50 of 0.3 nM.

KT-253 arrests the cell cycle at G2/M phase, and induces apoptosis.

KT 253 triggered rapid apoptosis and sustained tumor regression in p53 wild-type acute myeloid leukemia (AML) and acute lymphoblastic leukemia (ALL) xenograft models.

References

Yogesh K Chutake, et al. *Mol Cancer Ther.* 2024 Dec 9. doi: 10.1158/1535-7163.MCT-24-0306.

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

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