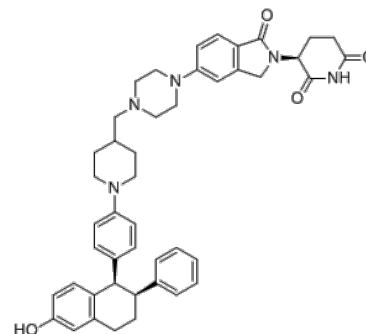


Product Name : ARV-471
Cat. No. : PC-72621
CAS No. : 2229711-68-4
Molecular Formula : C₄₅H₄₉N₅O₄
Molecular Weight : 723.379
Target : PROTAC
Solubility : 100 mM in DMSO (72.3 mg/mL)



Biological Activity

ARV-471 (Vepdegestrant) is an investigational orally bioavailable **PROTAC** protein degrader designed to specifically target and degrade the **estrogen receptor (ER)** with DC50 of 1.8 nM.

ARV-471 induces ER degradation in multiple ER+ breast cancer cell lines, including MCF-7 cells and ESR1-mutant lines, shows potential as both a single agent and in combination with CDK4/6 inhibitors, as well as superior inhibition of tumor growth compared to Fulvestrant.

References

Lin X, et al. *Eur J Med Chem.* 2020 Nov 15;206:112689.

Wang C, et al. *Eur J Med Chem.* 2021 Dec 5;225:113749.

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

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