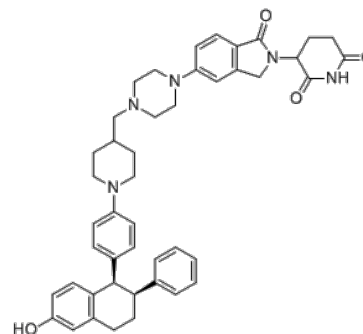


**Product Name** : ARV-471  
**Cat. No.** : PC-72621  
**CAS No.** : 2229711-08-2  
**Molecular Formula** : C<sub>45</sub>H<sub>49</sub>N<sub>5</sub>O<sub>4</sub>  
**Molecular Weight** : 723.379  
**Target** : PROTAC  
**Solubility** :



## Biological Activity

ARV-471 (ARV471) 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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