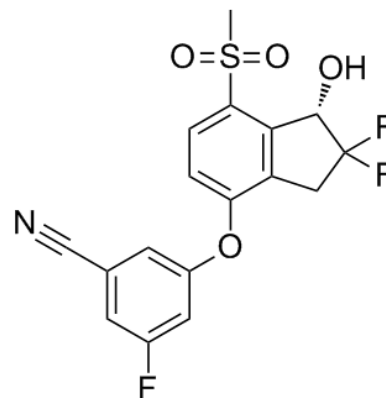


Product Name : PT2385
Cat. No. : PC-43267
CAS No. : 1672665-49-4
Molecular Formula : C₁₇H₁₂F₃NO₄S
Molecular Weight : 383.3417
Target : HIF/HIF Prolyl-hydroxylase
Solubility : 10 mM in DMSO



Biological Activity

PT2385 (PT-2385) is a potent, selective, and orally active antagonist of **HIF2α**, binds to HIF2α PAS-B domain (K_d=50 nM) and disrupts HIF2α/ARNT dimer formation.

PT2385 allosterically blocks HIF2α dimerization with the HIF1α/2α transcriptional dimerization partner ARNT/HIF1β, disrupts HIF2α, but not HIF1α, heterodimerization with ARNT in Hep3B cells.

PT2385 inhibits the expression of HIF2α-dependent genes, including VEGF-A, PAI-1, and cyclin D1 in ccRCC cell lines and tumor xenografts.

PT2385 also reduces HIF2α mRNA and protein levels in xenograft tumors.

References

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Xie C, et al. **Nat Med.** 2017 Nov;23(11):1298-1308.

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

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