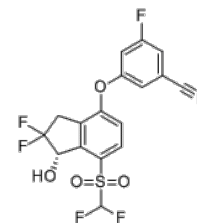


Product Name : PT2399
Cat. No. : PC-60317
CAS No. : 1672662-14-4
Molecular Formula : C₁₇H₁₀F₅NO₄S
Molecular Weight : 419.32
Target : HIF/HIF Prolyl-hydroxylase
Solubility : 10 mM in DMSO



Biological Activity

PT2399 (PT 2399, PT-2399) is a selective, potent **HIF-2 α** antagonist that binds directly to the HIF2 α PAS B domain.

PT2399 minimally affects a panel of 68 receptors, ion channels, and enzymes.

PT2399 specifically disassembles HIF-2 but not HIF-1 complexes, reduces the expression of HIF-2 target genes (VEGF, SERPINE1, IGFBP3, CCND1, TGFA, and SLC2A1), but not HIF-1 targets (CA9, PGK1, and LDHA).

PT2399 exhibits tumor growth inhibition in selected VHL-deficient clear-cell renal cell carcinoma (ccRCC) models.

References

Chen W, et al. *Nature*. 2016 Nov 3;539(7627):112-117.

Cho H, et al. *Nature*. 2016 Nov 3;539(7627):107-111.

Ricketts CJ, et al. *Cancer Cell*. 2016 Oct 10;30(4):515-517.

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

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