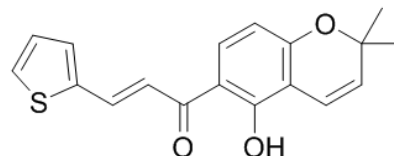


Product Name : SYP-5
Cat. No. : PC-42229
CAS No. : 1384268-04-5
Molecular Formula : C₁₈H₁₆O₃S
Molecular Weight : 312.3828
Target : HIF/HIF Prolyl-hydroxylase
Solubility : 10 mM in DMSO



Biological Activity

SYP-5 is a potent **HIF-1** inhibitor that inhibits hypoxia-induced upregulation of HIF-1, suppresses tumor cells invasion and angiogenesis.

SYP-5 down-regulates VEGF and MMP-2, suppresses angiogenesis induced by hypoxia and VEGF in vitro.

SYP-5 inhibits tumor cell migration and invasion by suppressing PI3K/AKT- and MAPK/ERK-dependent HIF-1 pathway.

References

Wang LH, et al. *Eur J Pharmacol.* 2016 Nov 15;791:560-568.

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

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