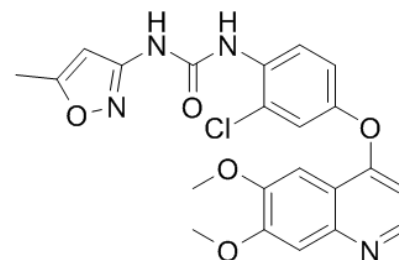


Product Name : Tivozanib
Cat. No. : PC-42759
CAS No. : 475108-18-0
Molecular Formula : C₂₂H₁₉ClN₄O₅
Molecular Weight : 454.8631
Target : VEGFR
Solubility : 10 mM in DMSO



Biological Activity

Tivozanib (AV951) is a highly potent inhibitor of **pan-VEGFR** with IC₅₀s of 60/6.5/15 nM for VEGFR1/2/3. Tivozanib (AV951) also inhibits EphB2, PDGFR-α, PDGFR-β, c-Kit, and Tie2 (IC₅₀=20-80 nM). Tivozanib (AV951) inhibits VEGF-induced VEGFR-2 phosphorylation in endothelial cells (IC₅₀=0.16 nM). Tivozanib (AV951) is p.o. active.

References

Nakamura K, et al. **Cancer Res.** 2006 Sep 15;66(18):9134-42.
Eskens FA, et al. **Clin Cancer Res.** 2011 Nov 15;17(22):7156-63.
Momeny M, et al. **Sci Rep.** 2017 Apr 6;7:45954.

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

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