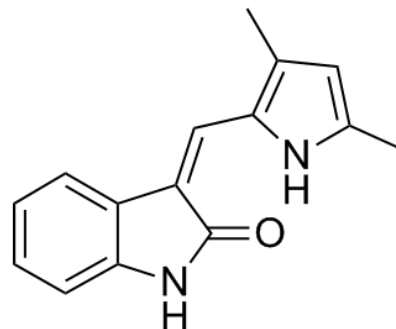


Product Name : SU5416
Cat. No. : PC-42557
CAS No. : 204005-46-9
Molecular Formula : C₁₅H₁₄N₂O
Molecular Weight : 238.2845
Target : VEGFR
Solubility : DMSO: 22.5 mg/mL
4. Mendel DB, et al. Clin Cancer Res. 2000 Dec;6(12):4848-58.



Biological Activity

A potent and specific VEGFR2 (KDR/Flk-1) inhibitor with IC₅₀ of 1.04 μM; displays no inhibitory activity against EGFR and FGFR; inhibits autophosphorylation of the Flk-1 receptor with IC₅₀ of 1.23 μM in ELISA assays, inhibits VEGF-driven mitogenesis of HUVECs with IC₅₀ of 0.04 μM; affects tumor vascular density and vascular leakage in vivo.

Solid Tumors

Phase 1 Discontinued

References

Fong TA, et al. Cancer Res. 1999 Jan 1;59(1):99-106.

Shaheen RM, et al. Cancer Res. 1999 Nov 1;59(21):5412-6.

Mendel DB, et al. Anticancer Drug Des. 2000 Feb;15(1):29-41.

