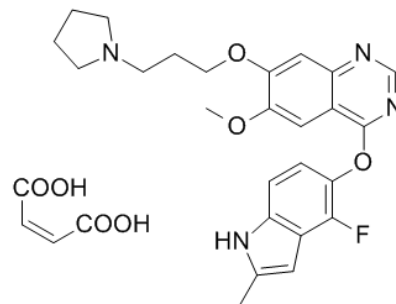


Product Name : Cediranib maleate
Cat. No. : PC-43353
CAS No. : 857036-77-2
Molecular Formula : C₂₉H₃₁N₄O₇
Molecular Weight : 566.5775
Target : VEGFR
Solubility : DMSO: ≥ 45 mg/mL
4. Cao C, et al. Cancer Res. 2006 Dec 1;66(23):11409-15.



Biological Activity

A highly potent, orally bioavailable, pan-VEGFR inhibitor with IC₅₀ of 1, 5, 3 nM for VEGFR1, 2, 3, respectively; also inhibits c-Kit and PDGFRβ with IC₅₀ of 2 and 5 nM, >36-fold selectivity over PDGFR-α, >1000-fold over Flt-3 and EGFR; inhibits VEGF-stimulated proliferation and KDR phosphorylation with IC₅₀ of 0.4 and 0.5 nM in human umbilical vein endothelial cells; inhibits angiogenesis, neovascular survival and tumor growth in vivo.

Ovarian Cancer
Phase 3 Clinical

References

- Wedge SR, et al. Cancer Res. 2005 May 15;65(10):4389-400.
Denduluri N, et al. Clin Breast Cancer. 2005 Dec;6(5):460-3.
Batchelor TT, et al. Cancer Cell. 2007 Jan;11(1):83-95.

