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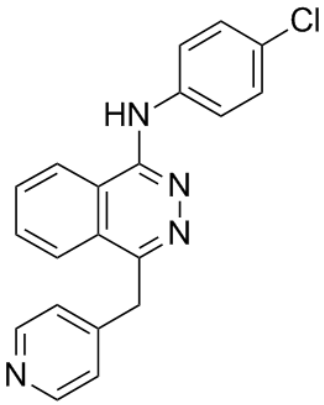
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name : Vatalanib free base
Cat. No. : PC-42448
CAS No. : 212141-54-3
Molecular Formula : $C_{20}H_{15}ClN_4$
Molecular Weight : 346.8129
Target : VEGFR
Solubility : 10 mM in DMSO

4. Hess C, et al. Br J Cancer. 2001 Dec 14;85(12):2010-6.



Biological Activity

A potent, orally available class III receptor tyrosine kinases inhibitor with IC50 of <1 uM for VEGFR, Flt-1, KDR and PDGFRβ; shows no activity against EGFR, FGFR-1, c-Met, and Tie-2, or c-Src, c-Abl, and PKC-α; blocks the VEGF-induced receptor autophosphorylation in CHO cells ectopically expressing the KDR receptor with IC50 of 34 nM; inhibits EGF and PDGF-induced angiogenesis in a growth factor implant model (25-100 mg/kg).
Ovarian Cancer
Phase 1 Discontinued

References

Bold G, et al. J Med Chem. 2000 Jun 15;43(12):2310-23.

Wood JM, et al. Cancer Res. 2000 Apr 15;60(8):2178-89.

Drevs J, et al. Cancer Res. 2000 Sep 1;60(17):4819-24.