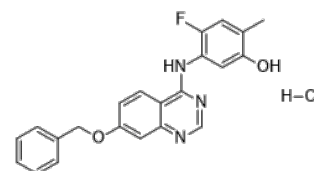


Product Name : ZM323881 hydrochloride
Cat. No. : PC-28597
CAS No. : 193000-39-4
Molecular Formula : C₂₂H₁₉ClFN₃O₂
Molecular Weight : 411.86
Target : VEGFR
Solubility : 10 mM in DMSO



Biological Activity

ZM323881 hydrochloride is a potent, specific VEGFR2 inhibitor with IC₅₀ of <2 nM, shows high selectivity over other receptor tyrosine kinases, including VEGFR1.

ZM323881 inhibits VEGF-A-induced endothelial cell proliferation (IC₅₀) = 8 nM) and VEGF-R2 tyrosine phosphorylation in vitro.

ZM323881 reversibly abolishes VEGF-A-mediated increases in vascular permeability in perfused mesenteric microvessels in vivo.

References

Whittles CE, et al. Microcirculation. 2002 Dec;9(6):513-22.

Salmon AH, et al. J Physiol. 2006 Jan 1;570(Pt 1):141-56.

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

E-mail: tech@probechem.com