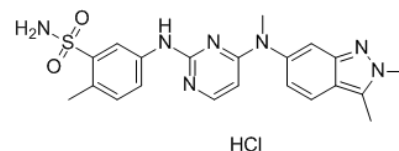


Product Name : Pazopanib hydrochloride
Cat. No. : PC-42824
CAS No. : 635702-64-6
Molecular Formula : C₂₁H₂₄ClN₇O₂S
Molecular Weight : 473.979
Target : VEGFR
Solubility : DMSO: 6.4 mg/mL (Need warming)
4. Hurwitz HI, et al. Clin Cancer Res. 2009 Jun 15;15(12):4220-7.



Biological Activity

A potent, orally available, pan-VEGFR inhibitor with IC₅₀ of 10, 30, and 47 nM for VEGFR-1, -2, and -3, respectively; also shows significant activity against the closely related RTKs PDGFR β , c-Kit, FGFR1, and c-Fms with IC₅₀ of 84, 74, 140, and 146 nM, respectively; potently inhibits VEGF-induced phosphorylation of VEGFR-2 in HUVEC cells with IC₅₀ of 8 nM; inhibits in vivo tumor growth, increases MM cell apoptosis, decreases angiogenesis, and prolongs host survival in a xenograft model of human MM.

Kidney Cancer
Approved

References

- Podar K, et al. Proc Natl Acad Sci U S A. 2006 Dec 19;103(51):19478-83.
Kumar R, et al. Mol Cancer Ther. 2007 Jul;6(7):2012-21.
Harris PA, et al. J Med Chem. 2008 Aug 14;51(15):4632-40.

