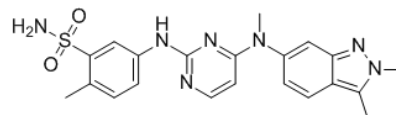


Product Name : Pazopanib (GW786034)
Cat. No. : PC-42453
CAS No. : 444731-52-6
Molecular Formula : C₂₁H₂₃N₇O₂S
Molecular Weight : 437.518
Target : VEGFR
Solubility : DMSO: ≥ 43 mg/mL



Biological Activity

Pazopanib (GW786034) is a potent, orally available, pan-**VEGFR** inhibitor with IC₅₀ of 10, 30, and 47 nM for VEGFR-1, -2, and -3, respectively.

Pazopanib also shows significant activity against the closely related RTKs PDGFRβ, c-Kit, FGFR1, and c-Fms with IC₅₀ of 84, 74, 140, and 146 nM, respectively.

Pazopanib potently inhibits VEGF-induced phosphorylation of VEGFR-2 in HUVEC cells with IC₅₀ of 8 nM.

Pazopanib inhibits in vivo tumor growth, increases MM cell apoptosis, decreases angiogenesis, and prolongs host survival in a xenograft model of human MM.

References

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

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