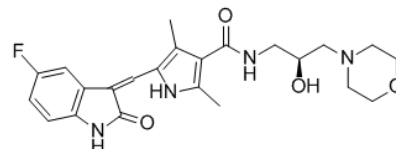


Product Name : SU14813
Cat. No. : PC-42622
CAS No. : 627908-92-3
Molecular Formula : C₂₃H₂₇FN₄O₄
Molecular Weight : 442.4833
Target : VEGFR
Solubility : 10 mM in DMSO



Biological Activity

SU14813 is a potent, broad-spectrum **RTKs** inhibitor with IC₅₀ ranging from 2 to 50 nM for VEGFR-1, VEGFR-2, PDGFRs, KIT, FLT3, and CSF1R/FMS.

SU14813 shows poor activity for EGFR and c-Met in biochemical assays.

SU14813 inhibits VEGFR-2, PDGFR-β, and KIT phosphorylation in porcine aorta endothelial cells with IC₅₀ of 5.2, 9.9, and 11.2 nM respectively.

SU14813 is active in xenograft tumor models.

References

Patyna S, et al. *Mol Cancer Ther.* 2006 Jul;5(7):1774-82.

Hu-Lowe D, et al. *Mol Cancer Ther.* 2011 Nov;10(11):2015.

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

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