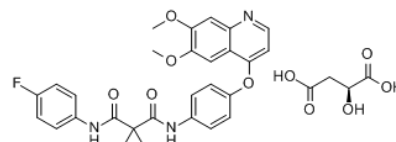


Product Name : Cabozantinib (S-malate)
Cat. No. : PC-42859
CAS No. : 1140909-48-3
Molecular Formula : C₃₂H₃₀FN₃O₁₀
Molecular Weight : 635.5931
Target : VEGFR
Solubility : DMSO: ≥ 23 mg/mL



Biological Activity

Cabozantinib (XL184) is a potent, multi-kinase inhibitor that inhibits VEGFR2, c-Met, Kit, Axl and Flt3 with IC₅₀ of 0.035, 1.3, 4.6, 7 and 11.3 nM, respectively; eliminates tumor vasculature, reduces pericytes and empty basement membrane sleeves, causes widespread intratumoral hypoxia and tumor cell apoptosis, and slows regrowth of the tumor vasculature, also decreases invasiveness of primary tumors and reduces metastasis in pancreatic islet cancer; exerts marked anti-MPNST effects in vitro and in vivo.

Kidney Cancer

Approved

References

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Torres KE, et al. Clin Cancer Res. 2011 Jun 15;17(12):3943-55.

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

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