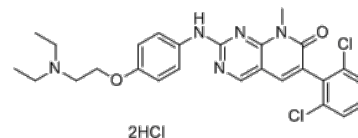


Product Name : PD166285
Cat. No. : PC-60888
CAS No. : 212391-63-4
Molecular Formula : C₂₆H₂₇Cl₂N₅O₂·2HCl
Molecular Weight : 585.35
Target : Src
Solubility : 10 mM in DMSO



Biological Activity

PD166285 (PD 0166285) is a broad-spectrum receptor tyrosine kinase (RTK) inhibitor that inhibits PDGFR- β , EGFR, and FGFR1 and **c-Src** with IC₅₀ of 7-85 nM, also inhibits the checkpoint kinases **Wee1** and **Myt1**.

PD166285 inhibits the formation of microcapillaries on Matrigel-coated plastic at 10 nM.

PD166285 inhibits angiogenesis in mice after oral administration (1-25 mg/kg), significantly prolongs tumor regressions in vivo.

References

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Wang Y, et al. *Cancer Res*. 2001 Nov 15;61(22):8211-7.

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

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