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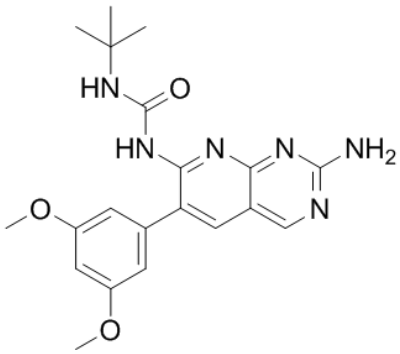
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	PD-166866
Cat. No.	:	PC-42352
CAS No.	:	192705-79-6
Molecular Formula	:	$C_{20}H_{24}N_6O_3$
Molecular Weight	:	396.44296
Target	:	FGFR
Solubility	:	DMSO: 10.33 mg/mL



Biological Activity

PD-166866 is a potent, selective, ATP competitive **FGFR1** inhibitor with IC50 of 52.4 nM, has no effect on c-Src, PDGFR-β, EGFR or InsR tyrosine kinases or on MEK, PKC and CDK4 (IC50>50 uM).
PD-166866 inhibits FGFR-1 autophosphorylation in NIH 3T3 cells and L6 cells with IC50 of 10.8 and 3.1 nM, respectively.
PD-166866 inhibits bFGF-stimulated cell growth of L6 cells with IC50 of 24.1 nM, also is a a potent inhibitor of microvessel outgrowth (angiogenesis) from cultured artery fragments of human placenta.

References

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Cassina P, et al. J Neurochem. 2005 Apr;93(1):38-46.

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