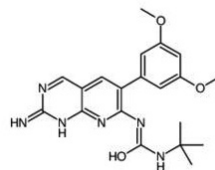


Product Name	: PD-166866
Synonyms	: PD166866; PD166866; PD 166866
Cat No.	: M17405
CAS Number	: 192705-79-6
Molecular Formula	: C ₂₀ H ₂₄ N ₆ O ₃
Formula Weight	: 396.45
Chemical Name	: 1-(2-amino-6-(3,5-dimethoxyphenyl)pyrido[2,3-d]pyrimidin-7-yl)-3-(tert-butyl)urea.
Description	PD166866 is a selective inhibitor of the FGF-1 receptor tyrosine kinase (FGFR1) with IC ₅₀ = 55 nM, and no effect on c-Src, PDGFR-b, EGFR or insulin receptor tyrosine kinases or MEK, PKC, and CDK4. PD166866 has clear antiproliferative effects.
Pathway	: Membrane Transporter/Ion Channel
Target	: OCT
Receptor	: FGFR1
Solubility	: DMSO : 10.33 mg/mL 26.06 mM;
SMILES	: COc1cc(OC)cc(c1)-c1cc2cnc(N)nc2nc1NC(=O)NC(C)(C)C
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Panek RL, et al. In vitro biological characterization and antiangiogenic effects of PD 166866, a selective inhibitor of the FGF-1 receptor tyrosine kinase. J Pharmacol Exp Ther. 1998 Jul;286(1):569-77.