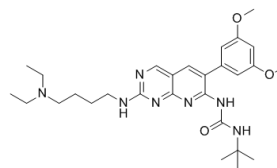


Product Name	: PD173074
Synonyms	: PD173074; PD 173074; PD-173074
Cat No.	: M13497
CAS Number	: 219580-11-7
Molecular Formula	: C ₂₈ H ₄₁ N ₇ O ₃
Formula Weight	: 523.67
Chemical Name	: 1-(tert-butyl)-3-(2-((4-(diethylamino)butyl)amino)-6-(3,5-dimethoxyphenyl)pyrido[2,3-d]pyrimidin-7-yl)urea
Description	: PD173074 is a potent FGFR1 inhibitor with IC ₅₀ of ~25 nM and also inhibits VEGFR2 with IC ₅₀ of 100-200 nM in cell-free assays, ~1000-fold selective for FGFR1 than PDGFR and c-Src.
Pathway	: Angiogenesis
Target	: EGFR
Receptor	: EGFR; FGFR1; Insulin Receptor; c-Src; VEGFR2
Solubility	: Ethanol: 100 mg/mL (190.95 mM); DMSO: 100 mg/mL (190.95 mM)
SMILES	: <chem>O=C(NC1=NC2=NC(NCCCCN(CC)CC)=NC=C2C=C1C3=CC(OC)=CC(OC)=C3)NC(C)(C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Mohammadi M, et al. EMBO J, 1998, 17(20), 5896-5904.