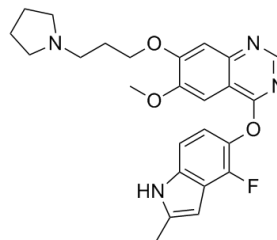


Product Name	: Cediranib
Synonyms	: AZD2171;AZD 2171;AZD-2171
Cat No.	: M13883
CAS Number	: 288383-20-0
Molecular Formula	: C ₂₅ H ₂₇ FN ₄ O ₃
Formula Weight	: 450.51
Chemical Name	: Quinazoline, 4-[(4-fluoro-2-methyl-1H-indol-5-yl)oxy]-6-methoxy-7-[3-(1-pyrrolidinyl)propoxy]-
Description	: A highly potent, orally bioavailable, pan-VEGFR inhibitor with IC ₅₀ of 1, 5, 3 nM for VEGFR1, 2, 3, respectively; also inhibits c-Kit and PDGFRβ with IC ₅₀ of 2 and 5 nM, >36-fold selectivity over PDGFR-α, >1000-fold over Flt-3 and EGFR; inhibits VEGF-stimulated proliferation and KDR phosphorylation with IC ₅₀ of 0.4 and 0.5 nM in human umbilical vein endothelial cells; inhibits angiogenesis, neovascular survival and tumor growth in vivo. Ovarian Cancer Phase 3 Clinical
Pathway	: Angiogenesis
Target	: VEGFR
Receptor	: c-Kit;PDGFRβ;VEGFR1/FLT1;VEGFR2/KDR;VEGFR3/FLT4
Solubility	: DMSO: ≥ 49 mg/mL
SMILES	: <chem>COC1=C(OCCCN2CCCC2)C=C2N=CN=C(OC3=C(F)C4=C(NC(C)=C4)C=C3)C2=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Wedge SR, et al. Cancer Res. 2005 May 15;65(10):4389-400.| 2. Denduluri N, et al. Clin Breast Cancer. 2005 Dec;6(5):460-3.| 3. Batchelor TT, et al. Cancer Cell. 2007 Jan;11(1):83-95.| 4. Cao C, et al. Cancer Res. 2006 Dec 1;66(23):11409-15.