

Product Information

VEGFR inhibitor Cediranib maleate, Purity $\geq 98\%$

Cat. No.: X24-06-ZQ238

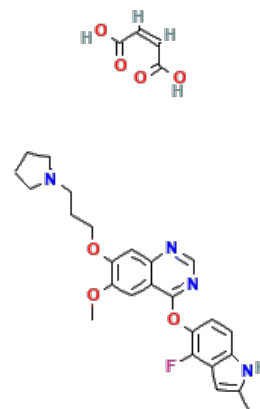
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 857036-77-2

Compound CID: 11226834

Synonym: 857036-77-2; VEGFR inhibitor; AZD-2171 maleate; AZD2171; AZD 2171

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Cediranib maleate, soluble in DMSO and insoluble in ethanol and water, is a protein tyrosine kinase inhibitor that has shown potent biochemical activity against VEGFR. It targets c-Kit, Flt-1, Flt-4, KDR, PDGFR α , and PDGFR β .
Molecular Weight	566.58
Molecular Formula	C ₂₉ H ₃₁ FN ₄ O ₇
Targets	c-Kit: 2 nM; Flt-1: 5 nM; Flt-4: 3 nM; KDR: 1 nM; PDGFR α : 36 nM; PDGFR β : 5 nM
IUPAC Name	(Z)-but-2-enedioic acid;4-[(4-fluoro-2-methyl-1H-indol-5-yl)oxy]-6-methoxy-7-(3-pyrrolidin-1-ylpropoxy)quinazoline
InChI	InChI=1S/C25H27FN4O3.C4H4O4/c1-16-12-17-19(29-16)6-7-21(24(17)26)33-25-18-13-22(31-2)23(14-20(18)27-15-28-25)32-11-5-10-30-8-3-4-9-30;5-3(6)1-2-4(7)8/h6-7,12-15,29H,3-5,8-11H2,1-2H3;1-2H,(H,5,6)(H,7,8)/b;2-1-
InChI Key	JRMGHBVACUJCRP-BTJKTKAUSA-N
Canonical SMILES	CC1=CC2=C(N1)C=CC(=C2F)OC3=NC=NC4=CC(=C(C=C43)OC)OCCCN5CCCC5.C(=CC(=O)O)C(=O)O
Isomeric SMILES	CC1=CC2=C(N1)C=CC(=C2F)OC3=NC=NC4=CC(=C(C=C43)OC)OCCCN5CCCC5.C(=C\C(=O)O)\C(=O)O
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 92 mg/mL (162.37 mM); Water: Insoluble; Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized



powder.

Quality Level

Research grade

Applications

Cediranib maleate targets VEGFR, contributing to research on vessel growth inhibition in cancer therapy.

Storage

Store at -20°C, and keep desiccated.
