

Product Information

VEGFR inhibitor SU 5205, Purity \geq 98%

Cat. No.: X24-06-ZQ255

Size: 5 mg; 10 mg; 50 mg

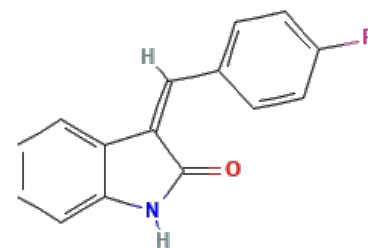
MDL: MFCD00435356

CAS Number: 3476-86-6

Compound CID: 5398217

Synonym: 3476-86-6; VEGFR inhibitor; SU-5205; SU5205

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



Product Information

Description	SU 5205, soluble in DMSO and ethanol and insoluble in water, is a protein tyrosine kinase inhibitor that has shown potent biochemical activity against VEGFR. It targets Flk-1.
Molecular Weight	239.24
Molecular Formula	C ₁₅ H ₁₀ FNO
Targets	Flk-1: 9.6 μ M
IUPAC Name	(3Z)-3-[(4-fluorophenyl)methylidene]-1H-indol-2-one
InChI	InChI=1S/C15H10FNO/c16-11-7-5-10(6-8-11)9-13-12-3-1-2-4-14(12)17-15(13)18/h1-9H,(H,17,18)/b13-9-
InChI Key	QIERHADIMMFZNE-LCYFTJDESA-N
Canonical SMILES	C1=CC=C2C(=C1)C(=CC3=CC=C(C=C3)F)C(=O)N2
Isomeric SMILES	C1=CC=C2C(=C1)/C(=C/C3=CC=C(C=C3)F)/C(=O)N2
Form	Lyophilized powder
Purity	\geq 98%
Solubility	DMSO: 43 mg/mL (179.73 mM); Water: Insoluble; Ethanol: 3 mg/mL (12.53 mM)
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	SU 5205 is employed in research to inhibit VEGFR-mediated angiogenesis, which is crucial for cancer treatment studies.



Storage

Store at -20°C, and keep desiccated.
