

Product Information

VEGFR inhibitor SU 5214, Purity $\geq 98\%$

Cat. No.: X24-06-ZQ256

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

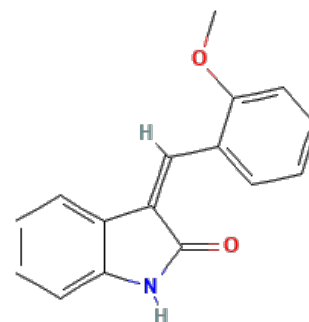
MDL: MFCD01595259

CAS Number: 186611-04-1

Compound CID: 672251

Synonym: 186611-04-1; VEGFR inhibitor; SU5214; SU-5214

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



Product Information

Description	SU 5214, 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 Flk-1.
Molecular Weight	251.29
Molecular Formula	C ₁₆ H ₁₃ NO ₂
Targets	Flk-1: 14.8 μ M
IUPAC Name	(3Z)-3-[(2-methoxyphenyl)methylidene]-1H-indol-2-one
InChI	InChI=1S/C16H13NO2/c1-19-15-9-5-2-6-11(15)10-13-12-7-3-4-8-14(12)17-16(13)18/h2-10H,1H3,(H,17,18)/b13-10-
InChI Key	NEQZEVOPKSAJP-RAXLEYEMSA-N
Canonical SMILES	COC1=CC=CC=C1C=C2C3=CC=CC=C3NC2=O
Isomeric SMILES	COC1=CC=CC=C1/C=C\2/C3=CC=CC=C3NC2=O
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 46 mg/mL (183.06 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	SU 5214 is used to investigate the inhibition of VEGFRs, playing a vital role in studies on angiogenesis and cancer progression.



Storage

Store at -20°C, and keep desiccated.
