

Product Information

VEGFR inhibitor SU14813 double bond Z, Purity \geq 98%

Cat. No.: X24-06-ZQ261

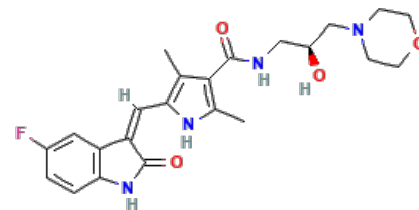
Size: 5 mg; 25 mg; 50 mg; 100 mg

CAS Number: 452105-23-6

Compound CID: 10138259

Synonym: 452105-23-6; VEGFR inhibitor; SU-14813; SU 14813

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



Product Information

Description	SU14813 double bond Z is a protein tyrosine kinase inhibitor that has shown potent biochemical activity against VEGFR.
Molecular Weight	442.48
Molecular Formula	C ₂₃ H ₂₇ FN ₄ O ₄
IUPAC Name	5-[(Z)-(5-fluoro-2-oxo-1H-indol-3-ylidene)methyl]-N-[(2S)-2-hydroxy-3-morpholin-4-ylpropyl]-2,4-dimethyl-1H-pyrrole-3-carboxamide
InChI	InChI=1S/C23H27FN4O4/c1-13-20(10-18-17-9-15(24)3-4-19(17)27-22(18)30)26-14(2)21(13)23(31)25-11-16(29)12-28-5-7-32-8-6-28/h3-4,9-10,16,26,29H,5-8,11-12H2,1-2H3,(H,25,31)(H,27,30)/b18-10-/t16-/m0/s1
InChI Key	CTNPALGJUAXMMC-PMFHANACSA-N
Canonical SMILES	CC1=C(NC(=C1C(=O)NCC(CN2CCOCC2)O)C)C=C3C4=C(C=CC(=C4)F)NC3=O
Isomeric SMILES	CC1=C(NC(=C1C(=O)NC[C@@H](CN2CCOCC2)O)C)/C=C\3/C4=C(C=CC(=C4)F)NC3=O
Form	Lyophilized powder
Purity	\geq 98%
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	SU14813 double bond Z is applied in studies focusing on VEGFR inhibition and its effects on tumor angiogenesis.



Storage

Store at -20°C, and keep desiccated.
