

Product Information

VEGFR inhibitor ZD-4190, Purity $\geq 98\%$

Cat. No.: X24-06-ZQ274

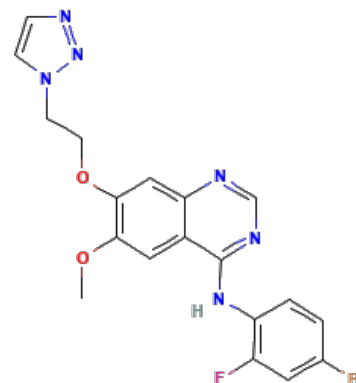
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 413599-62-9

Compound CID: 5329032

Synonym: 413599-62-9; VEGFR inhibitor; ZD4190; ZD 4190

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



Product Information

Description	ZD-4190 is a protein tyrosine kinase inhibitor that has shown potent biochemical activity against VEGFR.
Molecular Weight	459.27
Molecular Formula	C ₁₉ H ₁₆ BrFN ₆ O ₂
IUPAC Name	<i>N</i> -(4-bromo-2-fluorophenyl)-6-methoxy-7-[2-(1H-imidazol-1-yl)ethoxy]quinazolin-4-amine
InChI	InChI=1S/C19H16BrFN6O2/c1-28-17-9-13-16(10-18(17)29-7-6-27-5-4-24-26-27)22-11-23-19(13)25-15-3-2-12(20)8-14(15)21/h2-5,8-11H,6-7H2,1H3,(H,22,23,25)
InChI Key	YBTGTVGEKMZEQX-UHFFFAOYSA-N
Canonical SMILES	COC1=C(C=C2C(=C1)C(=NC=N2)NC3=C(C=C(C=C3)Br)F)OCCN4C=CN=N4
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	ZD-4190 is utilized in cancer research to block VEGFR and evaluate its effects on inhibiting tumor growth.
Storage	Store at -20°C, and keep desiccated.