

Product Information

VEGFR inhibitor MAZ51, Purity $\geq 98\%$

Cat. No.: X24-06-ZQ245

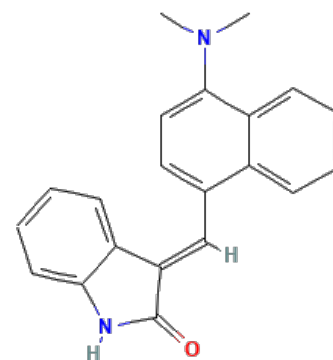
Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 163655-37-6

Compound CID: 53230017

Synonym: 163655-37-6; VEGFR inhibitor

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



Product Information

Description	MAZ51 is a protein tyrosine kinase inhibitor that has shown potent biochemical activity against VEGFR.
Molecular Weight	314.38
Molecular Formula	C ₂₁ H ₁₈ N ₂ O
IUPAC Name	(3E)-3-[[4-(dimethylamino)naphthalen-1-yl]methylidene]-1H-indol-2-one
InChI	InChI=1S/C21H18N2O/c1-23(2)20-12-11-14(15-7-3-4-9-17(15)20)13-18-16-8-5-6-10-19(16)22-21(18)24/h3-13H,1-2H3,(H,22,24)/b18-13+
InChI Key	VFCXONOPGCDDDBQ-QGOAFFKASA-N
Canonical SMILES	CN(C)C1=CC=C(C2=CC=CC=C21)C=C3C4=CC=CC=C4NC3=O
Isomeric SMILES	CN(C)C1=CC=C(C2=CC=CC=C21)/C=C/3\C4=CC=CC=C4NC3=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	MAZ51 targets VEGFR and is applied in research on anti-angiogenic factors affecting tumor growth.
Storage	Store at -20°C, and keep desiccated.