

Product Information

VEGFR inhibitor NVP-BAW2881, Purity ≥98%

Cat. No.: X24-06-ZQ249

Size: 5 mg; 10 mg; 25 mg; 50 mg

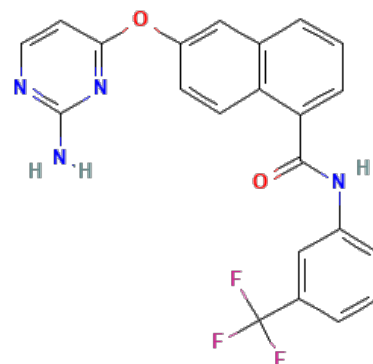
MDL: MFCD30343850

CAS Number: 861875-60-7

Compound CID: 16004702

Synonym: 861875-60-7; VEGFR inhibitor; BAW2881; BAW-2881; BAW 2881; NVP-BAW-2881; NVP-BAW 2881

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



Product Information

Description	NVP-BAW2881, 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 C-Raf-1, hVEGFR2, B-RAFV599E, c-Abl, c-KIT, hVEGFR1, hVEGFR3, mVEGF2, RET, and TIE-2.
Molecular Weight	424.1147
Molecular Formula	C ₂₂ H ₁₅ F ₃ N ₄ O ₂
Targets	C-Raf-1: 24 nM; hVEGFR2: 9 nM; B-RAFV599E: 76 nM; c-Abl: 99 nM; c-KIT: 2.5 nM; hVEGFR1: 820 nM; hVEGFR3: 420 nM; mVEGF2: 165 nM; RET: 410 nM; TIE-2
IUPAC Name	6-(2-Aminopyrimidin-4-yl)oxy-N-[3-(trifluoromethyl)phenyl]naphthalene-1-carboxamide
InChI	InChI=1S/C22H15F3N4O2/c23-22(24,25)14-4-2-5-15(12-14)28-20(30)18-6-1-3-13-11-16(7-8-17(13)18)31-19-9-10-27-21(26)29-19/h1-12H,(H,28,30)(H2,26,27,29)
InChI Key	MLLQJNFKDWEEFT-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=CC(=C1)NC(=O)C2=CC=CC3=C2C=CC(=C3)OC4=NC(=NC=C4)N)C(F)(F)F
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 76 mg/mL (179.08 mM); Water: Insoluble; Ethanol: 18 mg/mL
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	VEGFR inhibitor NVP-BAW2881 is utilized in research focused on blocking angiogenesis via



VEGFR pathways, contributing to cancer therapy studies.

Storage

Store at -20°C, and keep desiccated.
