

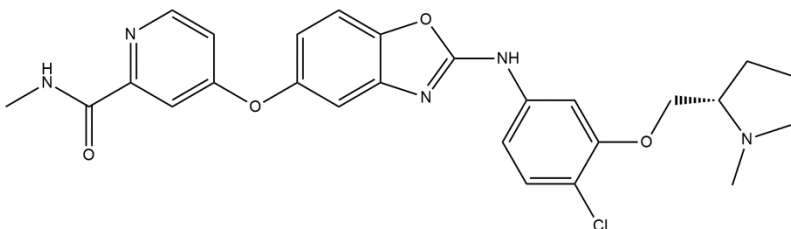
# VEGFR-2 inhibitor

11/19

**ALTERNATE NAME:** 4-((2-((4-Chloro-3-(((2S)-1-methyl-2-pyrrolidinyl)methyl)oxy)-phenyl)amino)-1,3-benzoxazol-5-yl)oxy)-N-methyl-2-pyridinecarboxamide

**CATALOG #:** B2938-1 1 mg  
B2938-5 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>26</sub>H<sub>26</sub>ClN<sub>5</sub>O<sub>4</sub>

**MOLECULAR WEIGHT:** 507.97

**CAS NUMBER:** 769960-39-6

**APPEARANCE:** Solid

**PURITY:** 95%

**SOLUBILITY:** Soluble in DMSO

**DESCRIPTION:** VEGFR-2 inhibitor is a potent inhibitor of Vascular Endothelial Growth Factor-2 Receptor Tyrosine Kinase (VEGFR-2). It shows 79% inhibition in the murine matrigel model for vascular permeability at 100 mg/kg. It shows an ED<sub>50</sub> of 16.3 mg/kg in the rat corneal angiogenesis model.

**STORAGE TEMPERATURE:** -20°C

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**REFERENCE:** Potashman, M.H., Bready, J., Coxon, A., et al. Design, synthesis, and evaluation of orally active benzimidazoles and benzoxazoles as vascular endothelial growth factor-2 receptor tyrosine kinase inhibitors. *J Med Chem.* 50(18):4351-73 (2007).

**RELATED PRODUCTS:**

Sulfatinib (Cat. No. B2466)  
 Tivozanib (Cat. No. B1545)  
 Motesanib diphosphate (Cat. No. B2196)  
 EZSolution™ SU-5416 (Cat. No. 9492)  
 BAY 43-9006 (Tosylate) (Cat. No. 1594)

**DISCLAIMER:** ***FOR RESEARCH USE ONLY! Not to be used on humans.***