

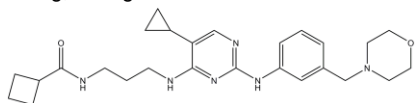
PRODUCT: Apatinib mesylate

ALTERNATE NAMES: YN-968D1; YN 968D1; YN968D1; Apatinib, N-(4-(1-cyanocyclopentyl)phenyl)-2-((4-methylpyridin-3-yl)amino)nicotinamide methanesulfonate, VEGFR2 inhibitor, VEGFR inhibitor

CATALOG #: B1608-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₅H₂₇N₅O₄S

MOLECULAR WEIGHT: 493.58

CAS NUMBER: 1218779-75-9

APPEARANCE: White Solid Powder

SOLUBILITY: DMSO

PURITY: >98% by HPLC

STORAGE: Store at -20°C. Protect from air and light.

DESCRIPTION: Apatinib mesylate is an orally bioavailable, small-molecule receptor tyrosine kinase inhibitor with potential antiangiogenic and antineoplastic activities. Apatinib selectively binds to and inhibits vascular endothelial growth factor receptor 2, which may inhibit VEGF-stimulated endothelial cell migration and proliferation and decrease tumor microvessel density. In addition, this agent mildly inhibits c-Kit and c-SRC tyrosine kinases.

REFERENCES: 1. Tong XZ et al. Apatinib (YN968D1) enhances the efficacy of conventional chemotherapeutic drugs in side population cells and ABCB1-overexpressing leukemia cells. *Biochem Pharmacol.* 2012 Mar 1;83(5):586-97.

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

RELATED PRODUCTS:

- KRN-633 (2839)
- AAL-993 (2740)
- Ki 8751 (2677)
- Golvatinib (2655)
- BAY 43-9006, Free base (2142)
- Brivanib Alaninate (B1326)

USAGE: *FOR RESEARCH USE ONLY! Not to be used in humans*