

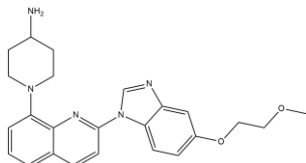
PRODUCT: CP-673451

ALTERNATE NAMES: CP673451, CP 673451

CATALOG #: B1337-1, -5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₇N₅O₂

MOLECULAR WEIGHT: 417.52

CAS NUMBER: 343787-29-1

APPEARANCE: White solid powder

SOLUBILITY: DMSO: >20.9 mg/ml

PURITY: ≥98% by HPLC

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

DESCRIPTION: CP-673451 is a potent inhibitor of PDGFR with IC₅₀ value of 10 nM and 1 nM for PDGFR-α and PDGFR-β, respectively. It exhibits >450-fold selectivity over other angiogenic receptors, has antiangiogenic and antitumor activity. It is an ATP-competitive inhibitor and is investigated to treat for cancer.

REFERENCES: 1. Roberts W G et al., Cancer research, 2005, 65(3): 957-966.

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

RELATED PRODUCTS:

- SU 16f (Cat# B1081)
- Tyrphostin AG 1295 (Cat# 1571)
- Masitinib (Cat# 2007)
- Motesanib (Cat# 2022)
- Lenvatinib (Cat# B1157)
- Amuvatinib (Cat# 9458)
- AC710 (Cat# 2884)

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