



Data Sheet

Research Use Only

Compound Name

JNJ-10198409

Catalog Number

SM62

Activity

JNJ-10198409 is a potent ATP-competitive inhibitor of Platelet-Derived Growth Factor Receptor Tyrosine Kinase (PDGF-RTK).

Purity

>99%

Formula

$C_{18}H_{16}FN_3O_2$

Solubility

DMSO, ethanol

Alternative Names

PDGF Receptor Tyrosine Kinase Inhibitor IV, RWJ-540973, J101, 3-Fluoro-N-(6,7-dimethoxy-2,4-dihydroindeno[1,2-c]pyrazol-3-yl)phenylamine

Effect

It displays potent antiproliferative properties in human tumor cell lines and antiangiogenic activity.

CAS

627518-40-5

Molecular Weight

325.34

Stability

Stable at -20°C. Keep away from direct sunlight.

References

1. Ho, CY., et al. 2005. J Med Chem. 48(26): 8163-8173. PMID: 16366598
2. Danovi, D., et al. 2013. PLoS One. 8(10): e77053. PMID: 24204733
3. Hiram-Bab, S., et al. 2014. J Cell Physiol. 229(6): 743-751. PMID: 24129818