

**PRODUCT:****JNJ-10198409****ALTERNATE NAME:**

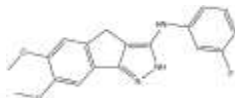
3-Fluoro-N-(6,7-dimethoxy-2,4-dihydroindeno[1,2-c]pyrazol-3-yl)phenylamine, N-(3-fluorophenyl)-2,4-dihydro-6,7-dimethoxy-Indeno[1,2-c]pyrazol-3-amine, RWJ 540973

**CATALOG #:**

B1078-5, 25

**AMOUNT:**

5 mg, 25 mg

**STRUCTURE:****MOLECULAR FORMULA:**

C<sub>18</sub>H<sub>16</sub>FN<sub>3</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:**

325.34

**CAS NUMBER:**

627518-40-5

**APPEARANCE:**

Off-white solid

**SOLUBILITY:**

DMSO (>10 mg/ml)

**PURITY:**

≥98% by HPLC

**STORAGE:**

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

**DESCRIPTION:**

JNJ-10198409 is a potent, cell-permeable, ATP-competitive inhibitor of Platelet-Derived Growth Factor receptor tyrosine kinase (PDGF-RTK) with both antiangiogenic and a direct tumor cell antiproliferative activity. It is selective for PDGF-β kinase with IC<sub>50</sub> values of 4.2 nM for PDGF-β and 45 nM for PDGF-α kinase. Displays less activity towards Lck, c-Src, and Fyn while exhibiting little to no inhibition toward VEGFR, HER-2, Cdk's-1,-2,-4 &-7, bFGFR-1 and EGFR.

**REFERENCES:**

Ho, C.Y., *et al.* (2005). *J. Med. Chem.* **48**, 8163-8173.

**HANDLING:**

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

**RELATED PRODUCTS:**

ABT-869 (Cat. No. 1615-1,5)  
 Axitinib (Cat. No. 1581-5, 25)  
 BIBW2992 (Cat. No. 1616-1,5)  
 BMS-599626 (Cat. No. 1614-1,5)  
 Bosutinib (Cat. No. 1584-5, 25)  
 Canertinib (Cat. No. 1617-5)  
 Cediranib (Cat. No. 1613-1,5)  
 CP-690550 (Cat. No. 1622-5,25)  
 Crizotinib (Cat. No. 1934-5, 25)  
 Dasatinib (Cat. No. 1586-25, 100)  
 Emodin (Cat. No. 1875-25, 100)  
 Enzastaurin (LY317615)(Cat. No. 1619-1,5)  
 Erlotinib, Hydrochloride Salt (Cat. No. 1588-100,1000)  
 EZSolution™ Staurosporine (Cat. No. 1745-01)  
 Gefitinib (Cat. No. 1589-5,25)  
 Genistein (Cat. No. 1533-10, 100)  
 Go 6976 (Cat. No. 1711-500)  
 Imatinib Mesylate (Cat. No. 1625-100, 1000)  
 Lapatinib Ditosylate (Cat. No. 1624-25,100)  
 Nilotinib (Cat. No. 1750-25, 100)  
 PD 153035, Hydrochloride (Cat. No. 1656-2)  
 PD173074 (Cat. No. 1675-1)  
 Saracatinib (Cat. No. 1582-5, 25)  
 SB-431542 (Cat. No. 1674-1)  
 Sorafenib (Cat. No. 1594-5, 25)  
 Staurosporine (Cat. No. 1048-01,1)  
 Tamoxifen Citrate (Cat. No. 1551-1000)  
 SU 1498 (Cat. No. 1836-1,5)  
 SU-5402 (Cat. No. 1645-05)  
 Sunitinib Malate (Cat. No. 1611-100, 1000)  
 Tyrphostin AG 1295 (Cat. No. 1571-5)  
 Tyrphostin AG 490 (Cat. No. 1570-5)  
 Vandetanib (Cat. No. 1751-25, 100)

**USAGE:**

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