

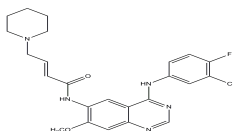
Product: PF299804

ALTERNATE NAME: (E)-N-(4-(3-chloro-4-fluorophenylamino)-7-methoxyquinazolin-6-yl)-4-(piperidin-1-yl)but-2-enamide; PF299; Dacomitinib

CATALOG #: 2678-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₅ClFN₅O₂

MOLECULAR WEIGHT: 469.94

CAS NUMBER: 1110813-31-4

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>15 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: PF299804 (Dacomitinib) is a potent, irreversible pan-HER inhibitor with IC₅₀'s of 6, 46, and 74 nM for ErbB1(HER1), ErbB2 (HER2), and ErbB4 (HER4), respectively. PF299804 inhibits ErbB1 autophosphorylation in A431 cells with an IC₅₀ of 15 nM.

REFERENCES: Jänne, P.A., *et al.* (2011). *Clin. Cancer Res.* **17**, 1131-1139.

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

RELATED PRODUCTS:

A 83-01 (Cat. No. 1725-1)
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)

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