

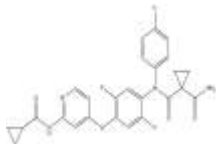
PRODUCT: Altiratinib

ALTERNATE NAME: N-(4-((2-(cyclopropanecarboxamido)pyridin-4-yl)oxy)-2,5-difluorophenyl)-N-(4-fluorophenyl)cyclopropane-1,1-dicarboxamide; DCC-2701

CATALOG #: 9563-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₆H₂₁F₃N₄O₄

MOLECULAR WEIGHT: 510.46

CAS NUMBER: 1345847-93-9

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>30 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Altiratinib is a selective and highly potent inhibitor of MET, TIE2, VEGFR2 and TRK kinases with potential anticancer activity. It effectively reduces tumor burden in vivo and blocks c-MET pTyr(1349)-mediated signaling, cell growth and migration as compared with a HGF antagonist in vitro. Through its balanced inhibitory potency versus MET, TIE2, and VEGFR2, altiratinib inhibits three major evasive (re)vascularization and resistance pathways (HGF, ANG, and VEGF) and blocks tumor invasion and metastasis. Displays blood-brain barrier penetration.

REFERENCES: Smith, B.D., *et al.* (2015). *Mol. Cancer Ther.* **14**, 2023-2034.

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

RELATED PRODUCTS:

A83-01 (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)

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