

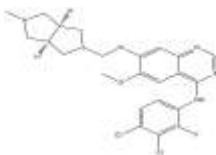
PRODUCT: XL-647

ALTERNATE NAME: N-(3,4-dichloro-2-fluorophenyl)-6-methoxy-7-(((3aR,6aS)-2-methyloctahydrocyclopenta[c]pyrrol-5-yl)methoxy)quinazolin-4-amine; Tesevatinib; EXEL-7647; KD-019

CATALOG #: B2204-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₂₅Cl₂FN₄O₂

MOLECULAR WEIGHT: 491.38

CAS NUMBER: 781613-23-8

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: XL-647 is an orally bioavailable small-molecule receptor tyrosine kinase (RTK) inhibitor with potential antineoplastic activity. It binds to and inhibits several receptor tyrosine kinases that play major roles in tumor cell proliferation and tumor vascularization, including epidermal growth factor receptor (EGFR; ERBB1), epidermal growth factor receptor 2 (HER2; ERBB2), vascular endothelial growth factor receptor (VEGFR), and ephrin B4 (EphB4).

REFERENCES: Sweeney, W.E., *et al.* (2017). *World J. Nephrol.* **6**, 188-200

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)
Brivanib (Cat. No. B1325-1,5)
Brivanib alaninate (Cat. No. B1326-1,5)
Canertinib (Cat. No. 1617-5)
Cediranib (Cat. No. 1613-1,5)
CP-690550 (Cat. No. 1622-5,25)
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 USE ONLY! Not to be used in humans*