

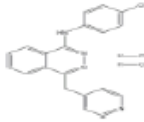
PRODUCT: Vatalanib Dihydrochloride

ALTERNATE NAME: CGP-79787; PTK 787; ZK222584

CATALOG #: 2025-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{22}H_{19}ClN_4 \cdot 2HCl$

MOLECULAR WEIGHT: 419.73

CAS NUMBER: 212141-51-0

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~ 10-20 mg/ml) or H_2O (~ 100 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Cell-permeable. An inhibitor of the VEGFR tyrosine kinases VEGFR-1 (Flt-1, IC_{50} = 77 nM) and VEGFR-2 (FLK-1/KDR, IC_{50} = 37 nM), with slightly higher potency against the latter. At higher concentrations, other tyrosine kinases are also inhibited, including PDGFR- β (IC_{50} = 580 nM), c-KIT (IC_{50} = 730 nM), FLT-4 (IC_{50} = 660 nM) and c-FMS (IC_{50} = 1.4 μ M). On the other hand, vatalanib is not active against the EGFR, c-SRC, v-ABL, and protein kinase C α (IC_{50} > 10 μ M).

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)
Carbozantinib (Cat. No. 1935-5, 25)
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)
Motesanib (Cat. No. 2023-5, 25)
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)
SU 6668 (Cat. No. 1931-5, 25)
SU 11274 (Cat. No. 1938-5, 25)
Sunitinib Malate (Cat. No. 1611-100, 1000)
Tandutinib (Cat. No. 2024-5, 25)
Tyrphostin AG 1295 (Cat. No. 1571-5)
Tyrphostin AG 490 (Cat. No. 1570-5)
Vandetanib (Cat. No. 1751-25, 100)
Vatalanib, Free Base (Cat. No. 2026-5, 25)

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

GENT