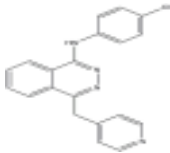


PRODUCT: Vatalanib, Free Base

ALTERNATE NAME: CGP-79787; PTK 787; PTK/ZK; Pynasunate; ZK222584

CATALOG #: 2026-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE: 

MOLECULAR FORMULA: C₂₀H₁₅ClN₄

MOLECULAR WEIGHT: 346.81

CAS NUMBER: 212141-54-3

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (25 mg/ml) or EtOH (~ 6 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, IC₅₀ = 77 nM) and VEGFR-2 (FLK-1/KDR, IC₅₀ = 37 nM), with slightly higher potency against the latter. At higher concentrations, other tyrosine kinases are also inhibited, including PDGFR-β (IC₅₀ = 580 nM), c-KIT (IC₅₀ = 730 nM), FLT-4 (IC₅₀ = 660 nM) and c-FMS (IC₅₀ = 1.4 μM). On the other hand, vatalanib is not active against the EGFR, c-SRC, v-ABL, and protein kinase Cα (IC₅₀ > 10 μM).

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 DiHCl Free Base (Cat. No. 2025-5, 25)

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