

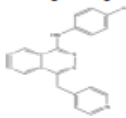
**PRODUCT:** Vatalanib, Free Base

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

**CATALOG #:** 2026-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>26</sub>H<sub>15</sub>ClN<sub>4</sub>

**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, IC<sub>50</sub> = 77 nM) and VEGFR-2 (FLK-1/KDR, IC<sub>50</sub> = 37 nM), with slightly higher potency against the latter. At higher concentrations, other tyrosine kinases are also inhibited, including PDGFR-β (IC<sub>50</sub> = 580 nM), c-KIT (IC<sub>50</sub> = 730 nM), FLT-4 (IC<sub>50</sub> = 660 nM) and c-FMS (IC<sub>50</sub> = 1.4 μM). On the other hand, vatalanib is not active against the EGFR, c-SRC, v-ABL, and protein kinase Cα (IC<sub>50</sub> > 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-599628 (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-800650 (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