

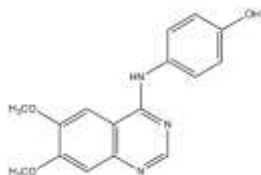
WHI-P131

ALTERNATE NAME: 4-[(6,7-dimethoxy-4-quinazoliny)amino]-phenol

CATALOG #: 1853-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₆H₁₅N₃O₃

MOLECULAR WEIGHT: 297.31

CAS NUMBER: 202475-60-3

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~50mg/ml)

PURITY: ≥98% by TLC

STORAGE: Store at -20 °C

DESCRIPTION: Cell-permeable. Selectively inhibits the tyrosine kinase activity of Jak3 with an IC₅₀ value of 78 μM without affecting the enzymatic activity of JAK1, JAK2, or other protein tyrosine kinases. Also helps to induce rat bone marrow stromal cells (MSCs) to neuronal cells.

REFERENCE: Dezawa, M., *et al.* (2004). *J. Clin. Invest.* **113**, 1701-1710.

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

FOR RESEARCH USE ONLY! Not to be used on humans.

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)
- Cediranib (Cat. No. 1613-1,5)
- CP-690550 (Cat. No. 1622-5,25)
- Dasatinib (Cat. No. 1586-25, 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)
- SU 1498 (Cat. No. 1836-1,5)
- Tamoxifen Citrate (Cat. No. 1551-1000)
- 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)