

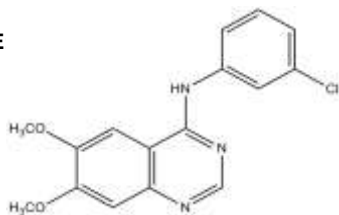
AG 1478

ALTERNATE NAME: 4-(3'-Chloroanilino)-6,7-dimethoxyquinazoline; Tyrphostin AG 1478

CATALOG #: 1800-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE



MOLECULAR FORMULA: C₁₆H₁₄ClN₃O₂

MOLECULAR WEIGHT: 315.75

CAS NUMBER: 175178-82-2

APPEARANCE: White solid

SOLUBILITY: DMSO (50 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C

DESCRIPTION: Cell-permeable. A potent EGFR Tyrosine Kinase (TK) inhibitor with an IC₅₀ of 3 nM. Only weakly inhibits PDGFR and HER2-NEU kinases (IC₅₀ >100 μM).

REFERENCE: Levitski, A., and Gazit, A. (1995). *Science* **267**, 1782-1788.

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)
- DiscoveryPak™ EGFR Tyrosine Kinase Inhibitor Set (Cat. No. K858-5)
- DiscoveryPak™ ReceptorTyrosine Kinase (RTK) Inhibitor Set (Cat. No. K859-8)
- Erlotinib, Hydrochloride Salt (Cat. No. 1588-100,1000)
- Gefitinib (Cat. No. 1589-5,25)
- Genistein (Cat. No. 1533-10, 100)
- Imatinib Mesylate (Cat. No. 1625-100, 1000)
- Lapatinib Ditosylate (Cat. No. 1624-25,100)
- Nilotinib (Cat. No. 1750-25, 100)
- PathwayReady™ EGFR Signaling Inhibitor panel (Cat. No. K863-14)
- PD 153035, Hydrochloride (Cat. No. 1656-2)
- PD173074 (Cat. No. 1675-1)
- PP2 (Cat. No. 1767-1,5)
- PP3 (Cat. No. 1797-10,50)
- Saracatinib (Cat. No. 1582-5, 25)
- SB-431542 (Cat. No. 1674-1)
- Sorafenib (Cat. No. 1594-5, 25)
- 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)