

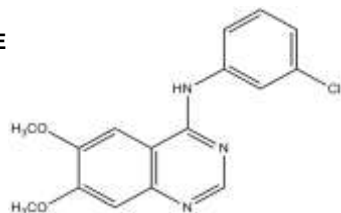
## AG 1478

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

**CATALOG #:** 1800-5, 25

**AMOUNT:** 5 mg, 25 mg

### STRUCTURE



**MOLECULAR FORMULA:** C<sub>16</sub>H<sub>14</sub>ClN<sub>3</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 315.75

**CAS NUMBER:** 175178-82-2

**APPEARANCE:** White solid

**SOLUBILITY:** DMSO:Methanol 1:1 v/v (10 mg/ml), Ethanol (10 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C

**DESCRIPTION:** Cell-permeable. A potent EGFR Tyrosine Kinase (TK) inhibitor with an IC<sub>50</sub> of 3 nM. Only weakly inhibits PDGFR and HER2-NEU kinases (IC<sub>50</sub> >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.

### 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)

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