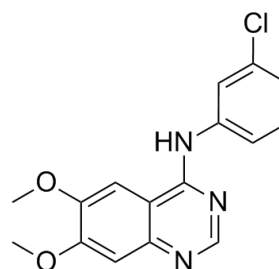


Product Name : AG-1478
Synonyms : NSC 693255; Tyrphostin AG-1478
Cat No. : M12161
CAS Number : 153436-53-4
Molecular Formula : C₁₆H₁₄ClN₃O₂
Formula Weight : 315.75
Chemical Name : N-(3-chlorophenyl)-6,7-dimethoxyquinazolin-4-amine



Description : AG-1478 (Tyrphostin AG-1478) is a selective EGFR inhibitor with IC₅₀ of 3 nM in cell-free assays, almost no activity on HER2-Neu, PDGFR, Trk, Bcr-Abl and InsR.
Pathway : Angiogenesis
Target : EGFR
Receptor : EGFR; HER2; PDGFR
Solubility : Ethanol: 13 mg/mL (41.17 mM); DMSO: 25 mg/mL (79.17 mM)
SMILES : COC1=CC2=NC=NC(NC3=CC=CC(Cl)=C3)=C2=C1OC
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. Levitzki A, et al. Science, 1995, 267(5205), 1782-1788.