Tyrphostin AG 1478

EGFR inhibitor

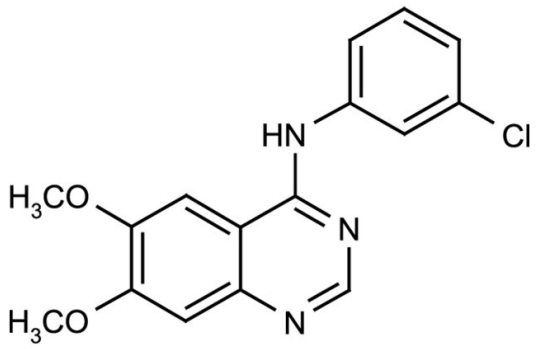
Potent and selective inhibitor of EGFR (IC_{50} = 3nM). Reduces EGF-stimulated DNA synthesis in Rat-1 fibroblasts by ~75% at 0.25µM. Blocks EGF-dependent src-family kinase activation and p21/Cip 1/WAF1 induction in A431 cells. Also inhibits H_2O_2-induced stimulation of amphiregulin expression in rat gastric epithelium (RGM 1) cells.

Citations: 15 View Online »

Ordering Information Order Online »

ALX-270-036-M005	5mg

Manuals, SDS & CofA View Online »

HN Cl H_3CO N H_3CO N	

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light. Packaged under inert gas.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	4-(3-Chloroanilino)-6,7-dimethoxyquinazoline
Appearance	White to light yellow solid.
CAS	153436-53-4
Couple Target	EGFR
Couple Type	Inhibitor
Formula	$C_{16}H_{14}ClN_3O_2$
MW	315.8
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (10mg/ml).

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