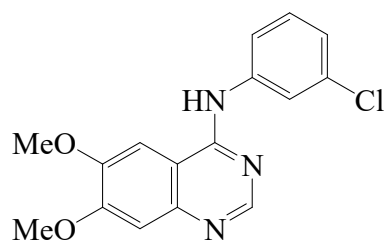




>>Entry Name: *N*-(3-Chlorophenyl)-6,7-dimethoxy-4-quinazolinamine, 9Cl

Synonym(s): 4-(3'-Chloroanilino)-6,7-dimethoxyquinazoline. Tyrphostin AG 1478. AG 1478



CAS Registry Number: 153436-53-4

Related CAS Registry Numbers(s): 205195-06-8

Molecular Formula: C₁₆H₁₄ClN₃O₂

Molecular Weight: 315.758

Accurate Mass: 315.077454

Percentage Composition: C 60.86%; H 4.47%; Cl 11.23%; N 13.31%; O 10.13%

Biological Use/Importance: Epidermal growth factor receptor tyrosine kinase inhibitor

Physical Description: Solid

Melting Point: Mp 177°

>>Derivative: Hydrochloride

CAS Registry Number: 170449-18-0

Physical Description: Cryst.

Melting Point: Mp 270°

References:

Canadian Pat., (Zeneca), 1993, 2 086 968; *CA*, **120**, 217715t, (*synth, pharmacol*)

Gazit, A. *et al.*, *Bioorg. Med. Chem.*, 1996, **4**, 1203-1207, (*synth*)

Han, Y. *et al.*, *Cancer Res.*, 1996, **56**, 3859-3861, (*pharmacol*)

Ben-Bassat, H. *et al.*, *Cancer Res.*, 1997, **57**, 3741-3750, (*pharmacol*)