

Catalog	Unit
TBI1148 - 50MG	50 mg
TBI1148 - 250MG	250 mg

Product Details

Formal Name: N-(3-Chloro-4-fluorophenyl)-7-methoxy-6-(3-morpholinopropoxy)quinazolin-4-amine.

Alternate Name: ZD1839; Iressa.

Molecular Formula: C₂₂H₂₄ClFN₄O₃.

Formula Weight: 446.91.

CAS Number: 184475-35-2

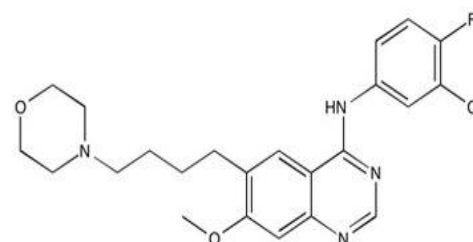
Purity: ≥98%

Formulation: Powder.

Solubility: Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 4 mg/ml).

Storage: -20°C.

Stability: ≥ 2 years.



Applications

EGFR-Kinase inhibitor.

Cancer

Functions

Potent and selective EGFR kinase inhibitor (IC₅₀ = 23-79 nM). Inhibits EGFR autophosphorylation and inhibits tumor growth in vivo. Enhances efficacy of cytotoxic agents. Inhibits growth factor production and angiogenesis. Clinically useful anticancer agent.

Application Procedures

First dissolved in DMSO (up to 40 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1148	Gefitinib, EGFR Kinase inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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