

AG-1478, EGFR kinase inhibitor

Catalog	Unit
TBI2117-5MG	5 mg
TBI2117-25MG	25 mg

Product Details

Formal Name: N-(3-Chlorophenyl)-6,7-dimethoxy-4-quinazolinanine, free base

Molecular Formula: C₁₆H₁₄ClN₃O₂

Formula Weight: 315.76

CAS Number: 175178-82-2

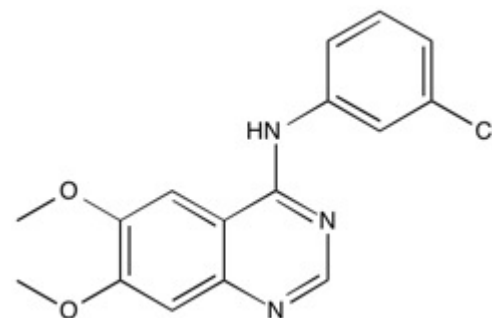
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 30 mg/ml) or in Ethanol (up to 10 mg/ml with warming).

Storage: -20°C

Stability: ≥ 1 year.



Applications

EGFR kinase inhibitor

Functions

Potent and selective inhibitor of the EGFR kinase IC₅₀ = 3 nM. Inhibits proliferation of a variety human cancer cell lines. Reduces pulmonary fibrosis in a rat model. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml) or in Ethanol (up to 10 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 3 months.

For research use only.