

Product Name: AG-494

Cat. No.: BIAOS-2505-CXX-6

Package: 10 mg

Description

Potent, selective inhibitor of EGF receptor tyrosine kinase ($IC_{50} = 0.7 \mu M$); selective over ErbB2, PDGFR tyrosine kinase, and insulin receptor ($IC_{50} = 42, 6, \text{ and } 100 \mu M$ respectively). Inhibits CDK2 activation, causing cell cycle arrest at late G1 and S phase.

Product Details

Formal Name: (E)-2-cyano-3-(3, 4-dihydroxyphenyl)-N-phenylprop-2-enamide

Synonyms: Tyrphostin B48

Purity: >99%

CAS Number: 133550-35-3

Formula: C₁₆H₁₂N₂O₃

Molecular Weight: 280.28

Appearance: Solid

Stability: Stable for 12 months

Storage Information: Room Temperature

Application

EGF receptor tyrosine kinase

 For preclinical research and development use only; not intended for therapeutic or other applications.