Labmix24 GmbH
Kesseldorfer Rott 24
46499 Hamminkeln
Germany

Tel: +49 (0) 2852 96064 00
Fax: +49 (0) 2852 96064 24
Web: www.labmix24.com
E-Mail: info@labmix24.com

EGFR Inhibitor II, BIBX1382 - CAS 196612-93-8 - Calbiochem The EGFR Inhibitor II, BIBX1382, also referenced under CAS 196612-93-8, controls the biological activity of EGFR. This small molecule/inhibitor is primarily used for Phosphorylation & Dephosphorylation applications.

Art. ID	SAF-324832-5MG
Unit	1 x 5 mg
Deliverydetails	No Dangerous Good

Description

A cell-permeable pyrimidopyrimidine compound that acts as a potent, reversible, ATP-competitive, and highly selective inhibitor of EGFR (ErbB-1, HER-1) both in cell-free enzymatic reactions (IC50 = 3 nM) and in culture (IC50 = 0.15, 1.82, and 3.2 &#181,M in EGF-, HGF-, and FCS-dependent thymidine incorporation, respectively, in KB cells). It exhibits 1,000-fold greater selectivity over ErbB-2 (HER-2, neu, IC50 = 3.4 &#181,M) and shows little activity towards IGF1R, beta-InsRK, HGFR, c-src, and VEGFR-2 even at concentrations as high as 10 &#181,M. Its antitumor efficacy has also been demonstrated in a murine xenograft model in vivo (daily p.o. dose 10 mg/kg)., A cell-permeable pyrimidopyrimidine compound that acts as a potent, reversible, ATP-competitive, and highly selective inhibitor of EGFR (ErbB-1, HER-1) both in cell-free enzymatic reactions (IC50 = 3 nM) and in culture (IC50 = 0.15, 1.82, and 3.2 &#181,M in EGF-, HGF-, and FCS-dependent thymidine incorporation, respectively, in KB cells). It exhibits 1,000-fold greater selectivity over ErbB-2 (HER-2, neu, IC50 = 3.4 &#181,M) and shows little activity towards IGF1R, beta-InsRK, HGFR, c-src, and VEGFR-2 even at concentrations as high as 10 &#181,M. Its antitumor efficacy has also been demonstrated in a murine xenograft model in vivo (10 mg/kg, daily, p.o.).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Falnidamol	[196612-93-8]				