

Catalog	Unit
TBI3320-10MG	10 mg
TBI3320-50MG	50 mg

### Product Details

**Formal Name:** (3Z)-2,3-Dihydro-3-[[[4-[methyl[2-(4-methyl-1-piperazinyl)acetyl]amino]phenyl]-amino]phenylmethylene]-2-oxo-1H-indole-6-carboxylic acid, methyl ester

**Alternate Names:** BIBF-1120

**Molecular Formula:** C<sub>31</sub>H<sub>33</sub>N<sub>5</sub>O<sub>4</sub>

**Formula Weight:** 539.6

**CAS Number:** 656247-17-5

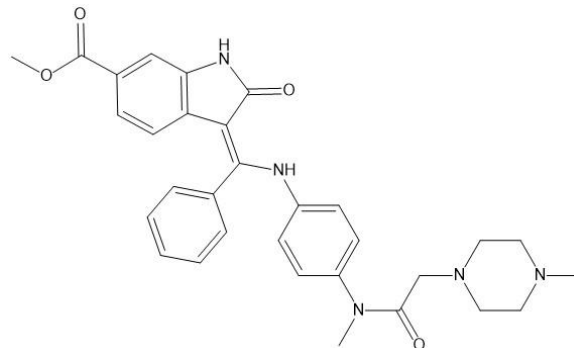
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in DMSO (up to 4 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

VEGFR, PDGFR and FGFR kinase inhibitor

### Functions

A potent inhibitor of VEGFR, PDGFR, FGFR (IC<sub>50</sub> = 13-34 nM for VEGFR, 59-65 nM for PDGFR and 37-108 nM for FGFR subtypes). Also inhibits Flt-3, Lck, Lyn and Src (IC<sub>50</sub> = 16-156 nM). Inhibits VEGF-stimulated proliferation of HUVECs. Inhibits tumor growth in a mouse tumor xenograft model. A novel therapeutic agent for treatment of idiopathic pulmonary fibrosis. Alleviates chronic pancreatitis by inhibiting the activation of pancreatic stellate cells.

### Application Procedures

First dissolved in DMSO (4 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

**For research use only.**