Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

ZM 306416

Catalog No: tcsc1349

Available Sizes

Size: 10mg

Size: 50mg

Specifications

CAS No:
690206-97-4

Formula:
$C_{16}H_{13}ClFN_3O_2$

Pathway:
Protein Tyrosine Kinase/RTK

Target:
VEGFR

Purity / Grade:
>98%

Solubility:
DMSO : 50 mg/mL (149.82 mM; Need ultrasonic); H2O :

Alternative Names:
CB 676475

Observed Molecular Weight:
333.74

Product Description

ZM-306416 (CB 676475) is a potent inhibitor of **VEGFR** with **IC_{50}**s of 0.1 and 2 μM for KDR and Flt, respectively. ZM-306416 is also a **EGFR** inhibitor with an **IC_{50}** of

Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

IC50 & Target: IC50: 0.1 μM (KDR), 2 μM (Flt)[1], [2]

In Vitro: ZM-306416 selective anti-proliferative effect toward the EGFR addicted NSCLC cell lines H3255 and HCC4011 (IC_{50} =0.09±0.007 μM and 0.072±0.001 μM respectively), while sparing the wild type EGFR cell lines A549 and H2030 (IC_{50}>10 μM). ZM-306416 is also found to inhibit the ABL *in vitro* kinase activity with a less potent IC_{50} value of 1.3±0.2 μM toward the ABL kinase[2].