

WZ-3146

Catalog No: tcsc0111



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1214265-56-1

Formula:

$C_{24}H_{25}ClN_6O_2$

Pathway:

JAK/STAT Signaling;Protein Tyrosine Kinase/RTK

Target:

EGFR;EGFR

Purity / Grade:

>98%

Solubility:

DMSO : 150 mg/mL (322.62 mM; Need ultrasonic)

Observed Molecular Weight:

464.95

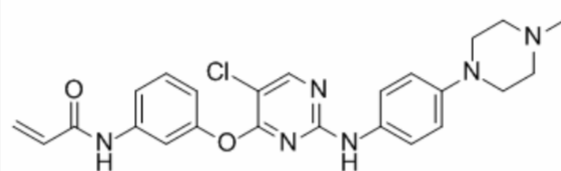
Product Description

WZ3146 is a mutant selective **EGFR** inhibitor with **IC₅₀**s of

2, 2, 5, 14 and 66 nM for EGFR^{L858R}, EGFR^{L858R/T790M}, EGFR^{E746_A750}, EGFR^{E746_A750/T790M} and EGFR, respectively.

IC₅₀ & Target: IC₅₀: 2 nM (EGFR^{L858R}), 2 nM (EGFR^{L858R/T790M}), 5 nM (EGFR^{E746_A750}), 14 nM (EGFR^{E746_A750/T790M}), 66 nM (EGFR) [1]

In Vitro: WZ3146 is a novel EGFR inhibitor, suppresses the growth of EGFR T790M containing cell lines and inhibits EGFR phosphorylation^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!