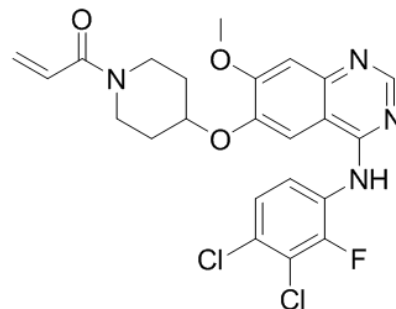


**Product Name** : Poziotinib  
**Cat. No.** : PC-44668  
**CAS No.** : 1092364-38-9  
**Molecular Formula** : C<sub>23</sub>H<sub>21</sub>Cl<sub>2</sub>FN<sub>4</sub>O<sub>3</sub>  
**Molecular Weight** : 491.3423  
**Target** : EGFR  
**Solubility** : 10 mM in DMSO



## Biological Activity

Poziotinib (HM781-36B, NOV120101) is an irreversible pan-**HER** inhibitor with IC<sub>50</sub> of 3.2/5.3 nM/23.5 nM for HER1/HER2/HER4.

Poziotinib inhibits phosphorylation of HER family and downstream signaling molecules, and induced apoptosis and G1 arrest.

Poziotinib exerts synergistic effects with chemotherapeutic agents.

## References

Nam HJ, et al. *Cancer Lett.* 2011 Mar 28;302(2):155-65.

Cha MY, et al. *Int J Cancer.* 2012 May 15;130(10):2445-54.

Kim HJ, et al. *Anticancer Drugs.* 2012 Mar;23(3):288-97.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com