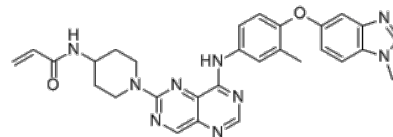


**Product Name** : Zongertinib  
**Cat. No.** : PC-20669  
**CAS No.** : 2728667-27-2  
**Molecular Formula** : C<sub>29</sub>H<sub>29</sub>N<sub>9</sub>O<sub>2</sub>  
**Molecular Weight** : 535.61  
**Target** : EGFR  
**Solubility** : 10 mM in DMSO



CAS: 2728667-27-2

## Biological Activity

Zongertinib (BI 1810631, BI-1810631) is a potent, selective **HER2** inhibitor, binds to the TKD of HER2 while sparing wild-type EGFR.

Zongertinib (BI 1810631) is a potent and selective inhibitor of HER2-driven oncogenic signaling, efficiently blocks HER2 mutant-driven lung cancer.

reduces cell growth and survival in mutant HER2 driven Ba/F3 cell systems, in human tumor cell lines in vitro and translated into tumor regressions in a genome-engineered HER2-YVMA mutant xenograft model.

## References

Wilding Birgit, et al. Synthesis of diazino-pyrimidines as anticancer agents: World Intellectual Property Organization, WO2021213800.

2. John Heymach, et al. *Clin Lung Cancer*. 2023 Mar;24(2):e65-e68.

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

E-mail: tech@probechem.com