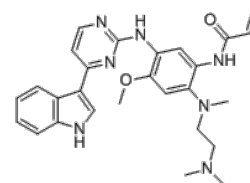


**Product Name** : AZ5104  
**Cat. No.** : PC-63158  
**CAS No.** : 1421373-98-9  
**Molecular Formula** : C<sub>27</sub>H<sub>31</sub>N<sub>7</sub>O<sub>2</sub>  
**Molecular Weight** : 485.592  
**Target** : EGFR  
**Solubility** : 10 mM in DMSO



## Biological Activity

AZ 5104 is the active metabolite of AZD 9291 (Osimertinib), which is an irreversible inhibitor of EGFR-sensitizing and T790M resistance mutations (IC<sub>50</sub>=15-17 nM) that spares the wild-type form of the receptor (IC<sub>50</sub>=480 nM).

AZ5104 inhibits cellular growth in Ex20Ins mutant cell lines in vitro and demonstrate sustained tumor growth inhibition of EGFR-mutant tumor xenograft harboring the most prevalent Ex20Ins in vivo.

## References

Yates JW, et al. Mol Cancer Ther. 2016 Oct;15(10):2378-2387.

Hanker AB, et al. Cancer Discov. 2017 Jun;7(6):575-585.

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

E-mail: tech@probechem.com