

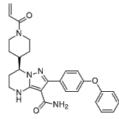
## **Data Sheet**

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Product Name : Zanubrutinib
Cat. No. : PC-60535
CAS No. : 1691249-45-2
Molecular Formula : C<sub>27</sub>H<sub>29</sub>N<sub>5</sub>O<sub>3</sub>
Molecular Weight : 471.561
Target : BTK

**Solubility** : 10 mM in DMSO



## **Biological Activity**

Zanubrutinib (BGB3111) is a potent, selective and orally available **Btk** inhibitor with IC50 of 0.3 nM. Zanubrutinib (BGB3111) shows much more restricted off-target activities against a panel of kinases, including ITK, compared with Ibrutinib.

Zanubrutinib (BGB3111) demonstrates nanomolar BTK inhibition activity, inhibits BCR aggregation-triggered BTK autophosphorylation, blocks downstream PLC- $\gamma$ 2 signaling, and potently inhibits cell proliferation in several MCL and DLBCL cell lines.

Zanubrutinib (BGB3111) demonstrates better anti-tumor activity than ibrutinib in TMD-8 subcutaneous xenograft model.

## References

Na Li, et al. Abstract 2597: BGB-3111 is a novel and highly selective Bruton's tyrosine kinase (BTK) inhibitor. AACR.

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

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