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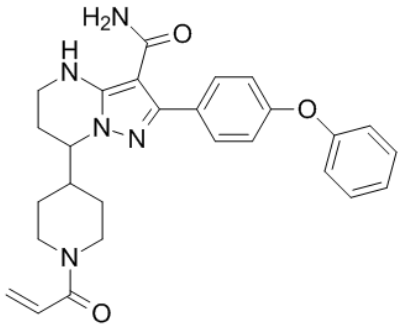
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	(±)-Zanubrutinib
Cat. No.	:	PC-42396
CAS No.	:	1633350-06-7
Molecular Formula	:	$C_{27}H_{29}N_5O_3$
Molecular Weight	:	471.55086
Target	:	BTK
Solubility	:	10 mM in DMSO



Biological Activity

The active enantiomer of Zanubrutinib (BGB3111), a potent, selective and orally available **Btk** inhibitor; shows much more restricted off-target activities against a panel of kinases, including ITK, compared with Ibrutinib; demonstrates nanomolar BTK inhibition activity, inhibits BCR aggregation-triggered BTK autophosphorylation, blocks downstream PLC-γ2 signaling, and potently inhibits cell proliferation in several MCL and DLBCL cell lines; demonstrates better anti-tumor activity than ibrutinib in TMD-8 subcutaneous xenograft model.
Blood Cancer
Phase 3 Clinical

References

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

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