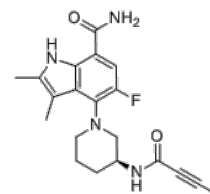


Product Name : BMS-986195
Cat. No. : PC-63295
CAS No. : 1912445-55-6
Molecular Formula : C₂₀H₂₃FN₄O₂
Molecular Weight : 370.428
Target : BTK
Solubility : 10 mM in DMSO



1. Watterson SH, et al. *J Med Chem.* 2019 Apr 11;62(7):3228-3250.
2. Catlett IM, et al. *Br J Clin Pharmacol.* 2020

Biological Activity

BMS-986195 (Branebrutinib) is a novel potent, selective, covalent, irreversible inhibitor of **Bruton's tyrosine kinase (BTK)** with IC₅₀ of 0.1 nM.

BMS-986195 (Branebrutinib) displays >5,000-fold selective over all kinases outside of the Tec family, and selectivity ranges 9- to 1010-fold within the Tec family.

BMS-986195 (Branebrutinib) potently inhibits antigen-dependent interleukin-6 production, CD86 expression and proliferation in B cells (IC₅₀<1 nM).

BMS-986195 (Branebrutinib) demonstrates robust efficacy in murine models of RA including CIA and CAIA, protecting against clinically evident disease, histologic joint damage and bone mineral density loss.

References

- Sep;86(9):1849-1859.
 3. Wu CP, et al. *Front Cell Dev Biol.* 2021 Jul 19;9:699571.

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

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