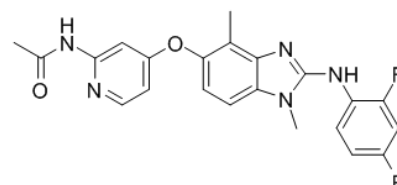


Product Name : CHZ-868
Cat. No. : PC-45575
CAS No. : 1895895-38-1
Molecular Formula : C₂₂H₁₉F₂N₅O₂
Molecular Weight : 423.4154
Target : JAK
Solubility : DMSO: ≥ 150 mg/mL



Biological Activity

CHZ-868 (CHZ868) is a potent type II **JAK2** inhibitor, inhibits the proliferation of SET2 JAK2 V617F cells (GI₅₀=59 nM).
CHZ-868 (CHZ868) reverses type I JAK inhibitor persistence and demonstrates efficacy in myeloproliferative neoplasms.
CHZ-868 (CHZ868) reduces mutant allele burden in vivo, shows significant efficacy in Jak2V617F-driven polycythemia vera.
CHZ-868 (CHZ868) is orally active.

References

Meyer SC, et al. *Cancer Cell*. 2015 Jul 13;28(1):15-28.

Wu SC, et al. *Cancer Cell*. 2015 Jul 13;28(1):29-41.

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

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