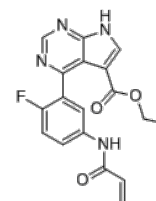


Product Name : JAK3i
Cat. No. : PC-62263
CAS No. : 1918238-72-8
Molecular Formula : C₁₈H₁₅FN₄O₃
Molecular Weight : 354.34
Target : JAK
Solubility : 10 mM in DMSO



Biological Activity

JAK3i is a potent, selective, covalent **JAK3** kinase inhibitor with IC₅₀ of 0.43 nM, shows high selectivity (>3,000-fold) against the closely related kinase domains in JAK1, JAK2, or TYK2.

JAK3i displays 1,300-fold, 600-fold, and 50-fold over EGFR, ITK, and BTK respectively.

References

Smith GA, et al. *Nat Chem Biol.* 2016 May;12(5):373-9.

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

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