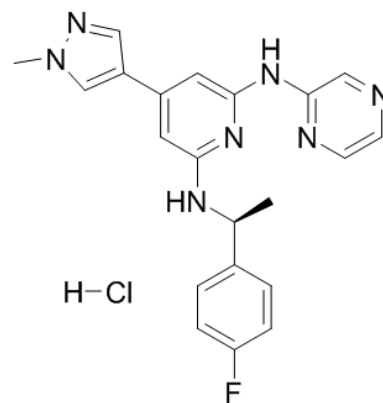


Product Name : NS-018 hydrochloride
Cat. No. : PC-45664
CAS No. : 1239358-85-0
Molecular Formula : C₂₁H₂₁ClFN₇
Molecular Weight : 425.8897
Target : JAK
Solubility : DMSO: ≥ 35 mg/mL



Biological Activity

NS-018 is a potent and highly selective JAK2 inhibitor (IC₅₀=0.72 nM); displays 30-50-fold greater selectivity for JAK2 over JAK1, JAK3 and Tyk2; also inhibits Src family kinases (Src, Fyn); shows effective in mouse Ba/F3-JAK2V617F disease model.
Bone Cancer
Phase 2 Clinical

References

- Nakaya Y, et al. Blood Cancer J. 2011 Jul;1(7):e29.
Nakaya Y, et al. Blood Cancer J. 2014 Jan 10;4:e174.
Kuroda J, et al. Leuk Res. 2014 May;38(5):619-24.

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

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