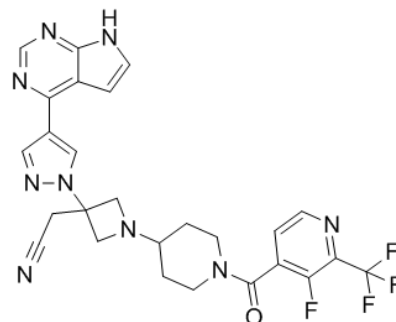


**Product Name** : Itacitinib  
**Cat. No.** : PC-45123  
**CAS No.** : 1334298-90-6  
**Molecular Formula** : C<sub>26</sub>H<sub>23</sub>F<sub>4</sub>N<sub>9</sub>O  
**Molecular Weight** : 553.5142  
**Target** : JAK  
**Solubility** : DMSO: ≥ 30 mg/mL



## Biological Activity

A potent and selective JAK1 inhibitor; shows >20 fold and >200 fold selectivity over JAK2 and JAK3 respectively; orally bioactive.

Blood Cancer

Phase 2 Clinical

## References

Zhang Y, et al. Drug Metab Dispos. 2015 Apr;43(4):485-9.

Kim MK, et al. J Med Chem. 2015 Sep 24;58(18):7596-602.

Norman P. Expert Opin Investig Drugs. 2014 Aug;23(8):1067-77.

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

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