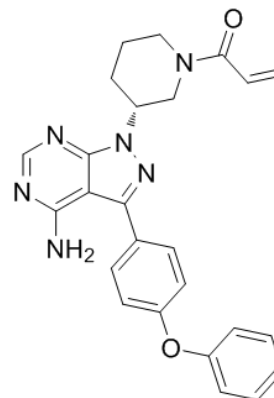


**Product Name** : Ibrutinib  
**Cat. No.** : PC-42772  
**CAS No.** : 936563-96-1  
**Molecular Formula** : C<sub>25</sub>H<sub>24</sub>N<sub>6</sub>O<sub>2</sub>  
**Molecular Weight** : 440.4971  
**Target** : BTK  
**Solubility** : DMSO: ≥ 52 mg/mL



## Biological Activity

A potent and highly selective Btk inhibitor with IC<sub>50</sub> of 0.5 nM; modestly potent to Bmx, CSK, FGR, BRK, HCK, less potent to EGFR, Yes, ErbB2, JAK3, etc.

Blood Cancer

Approved

## References

Honigberg LA, et al. Proc Natl Acad Sci U S A. 2010 Jul 20;107(29):13075-80.

Herman SE, et al. Blood. 2014 May 22;123(21):3286-95.

Kohrt HE, et al. Blood. 2014 Mar 20;123(12):1957-60.

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

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