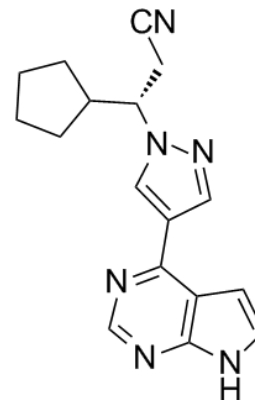


**Product Name** : Ruxolitinib S enantiomer  
**Cat. No.** : PC-45873  
**CAS No.** : 941685-37-6  
**Molecular Formula** : C<sub>17</sub>H<sub>18</sub>N<sub>6</sub>  
**Molecular Weight** : 306.365  
**Target** : JAK  
**Solubility** : 10 mM in DMSO



## Biological Activity

The chirality of Ruxolitinib (INCB-018424), which is a potent, selective, orally active JAK1/JAK2 inhibitor with IC<sub>50</sub> of 3.3/2.8 nM, respectively.

## References

Quintás-Cardama A, et al. Blood. 2010 Apr 15;115(15):3109-17.

Fridman JS, et al. J Immunol. 2010 May 1;184(9):5298-307.

Verstovsek S, et al. N Engl J Med. 2010 Sep 16;363(12):1117-27.

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

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