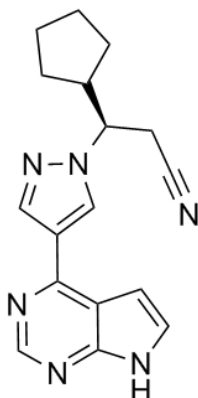


**Product Name** : Ruxolitinib  
**Cat. No.** : PC-45872  
**CAS No.** : 941678-49-5  
**Batch No.** : PC-4587201  
**Chemical Name** : 1H-Pyrazole-1-propanenitrile, β-cyclopentyl-4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-, (βR)-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 306.365  
**Molecular Formula** : C<sub>17</sub>H<sub>18</sub>N<sub>6</sub>  
**Storage** : Powder -20°C 12 Months  
 4°C 6 Months  
 In solvent -80°C 6 Months  
 -20°C 6 Months

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

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

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