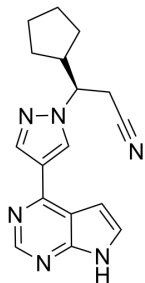


## Certificate of Analysis

|                       |  |
|-----------------------|--|
| <b>Product Name:</b>  | Ruxolitinib  |
| <b>Cat. No.:</b>      | CS-0864  |
| <b>CAS No.:</b>       | 941678-49-5  |
| <b>Batch No.:</b>     | 38850  |
| <b>Chemical Name:</b> | 1H-Pyrazole-1-propanenitrile, $\beta$ -cyclopentyl-4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-, ( $\beta$ R)- |

### PHYSICAL AND CHEMICAL PROPERTIES

|                            |  |
|----------------------------|--|
| <b>Molecular Formula:</b>  | C <sub>17</sub> H <sub>18</sub> N <sub>6</sub>                                     |
| <b>Molecular Weight:</b>   | 306.37   |
| <b>Storage:</b>            | Storage temp. 2-8°C  |
| <b>Chemical Structure:</b> |  |



### ANALYTICAL DATA

|                                    |   |
|------------------------------------|---|
| <b>Appearance:</b>                 | White to light yellow (Solid)   |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure   |
| <b>LCMS:</b>                       | Consistent with structure   |
| <b>Enantiomeric Excess:</b>        | 97.97%  |
| <b>Purity (HPLC):</b>              | 99.86%  |
| <b>Conclusion:</b>                 | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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