



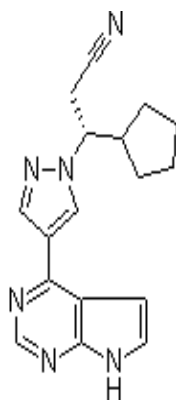
## Certificate of Analysis

### INCB-018424(Ruxolitinib)

**Product:** (betaR)-beta-Cyclopentyl-4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazole-1-propanenitrile

**CAT#:** A-1134

**Chemical Structure:**



**Formula:** C<sub>17</sub>H<sub>18</sub>N<sub>6</sub>  
**M.W.:** 306.37  
**<sup>1</sup>H- and <sup>13</sup>C-NMR:** Consistent with assigned structure  
**Chemical Purity:** 99% by HPLC  
**Optical Purity:** 100% by chiral HPLC  
**Solubility:** Soluble in DMSO  
**Storage:** Room Temperature, or -20°C for 3 years

Note: The material is for research purposes only, not for human use.