

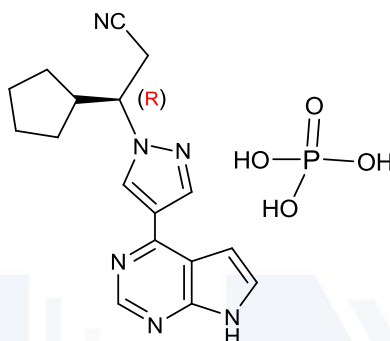


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>Ruxolitinib Phosphate</b>
<b>Synonym:</b>	INCB018424 Phosphate
<b>CAS No:</b>	1092939-17-7
<b>Prod. No:</b>	CT-RUXOP
<b>Lot No:</b>	01
Batch Empirical Formula	C <sub>17</sub> H <sub>21</sub> N <sub>6</sub> O <sub>4</sub> P · 0.5H <sub>2</sub> O
Batch Empirical Wt	413.4
Solubility	Soluble in DMSO (41.3mg/ml, 100mM)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

<b>Appearance</b>	White Powder
<b>Quality Control</b>	<sup>1</sup> HNMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] <b>Quantitative Elemental Analysis: [✓] C<sub>17</sub>H<sub>21</sub>N<sub>6</sub>O<sub>4</sub>P · 0.5H<sub>2</sub>O</b> Calculated: C: 49.39% H: 5.36% N: 20.33% Found: C: 49.20% H: 5.19% N: 20.11%
<b>Chemical Purity</b>	>99.5% (Achiral HPLC)
<b>Optical Purity (e.e)</b>	100% (Chiral HPLC)