

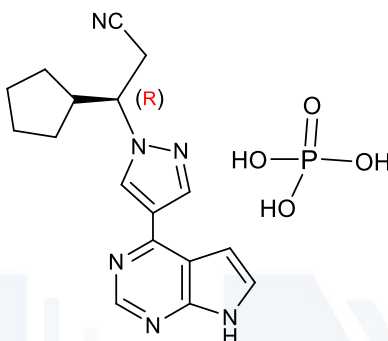


Northeast Business Center

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Certificate of Analysis



Product Name:	Ruxolitinib Phosphate
Synonym:	INCB018424 Phosphate
CAS No:	1092939-17-7
Prod. No:	CT-RUXOP
Lot No:	01
Batch Empirical Formula	C ₁₇ H ₂₁ N ₆ O ₄ P · 0.5H ₂ 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

Appearance	White Powder
Quality Control	¹ HNMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓]C₁₇H₁₈N₆ · 0.2H₂O Calculated: C: 49.39% H: 5.36% N: 20.33% Found: C: 49.39% H: 5.19% N: 20.11%
Chemical Purity	>99% (Achiral HPLC)
Optical Purity (e.e)	100% (Chiral HPLC)