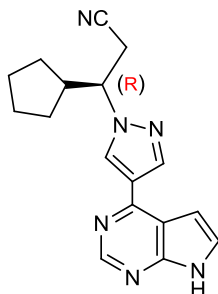




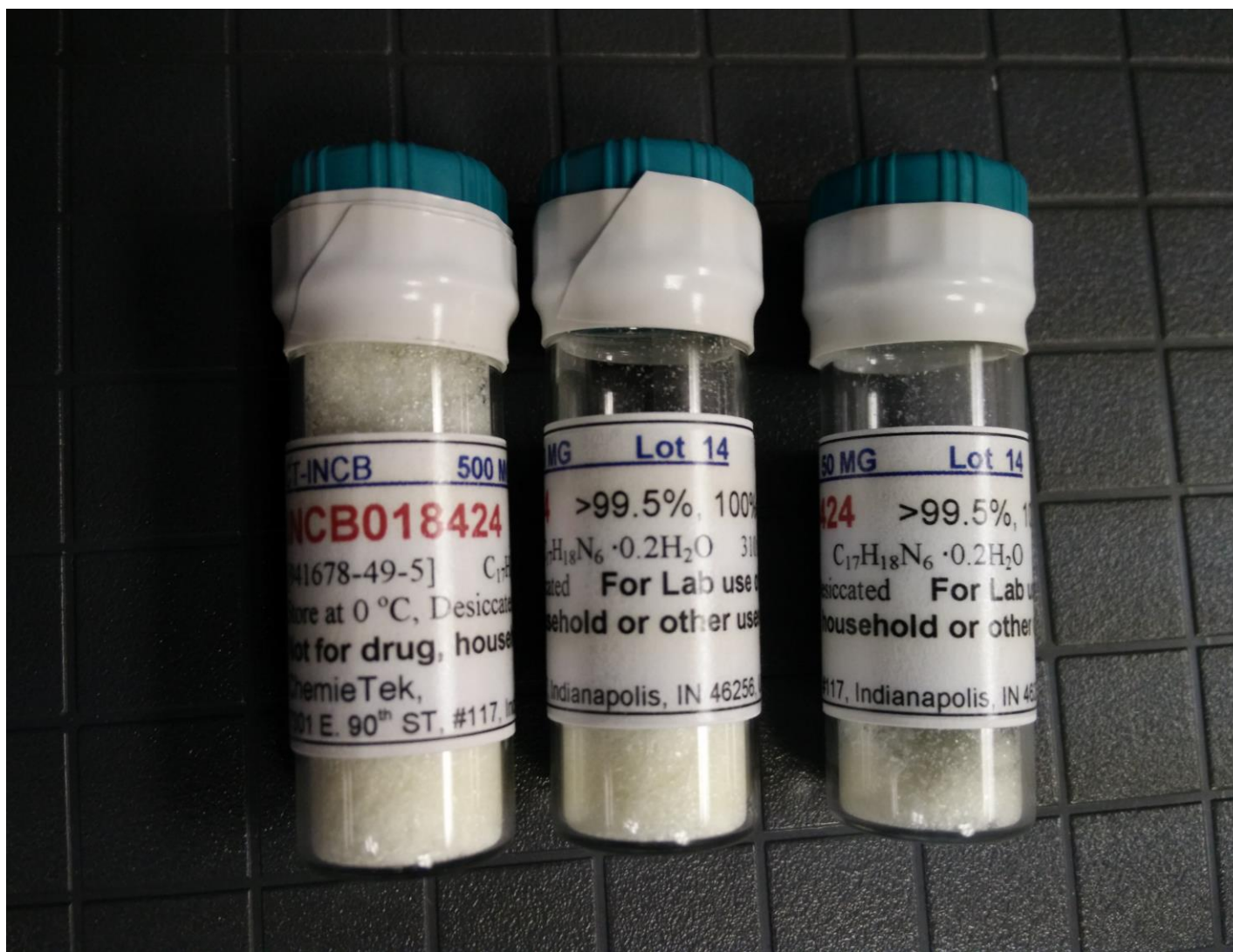
Northeast Business Center

7301 E. 90th Street, Suite 117, Indianapolis, IN 46256, USA

Phone: 317.598.0828 Fax: 317.598.0835 www.chemietek.com



INCB018424 (Ruxolitinib), Lot 14, Appearance



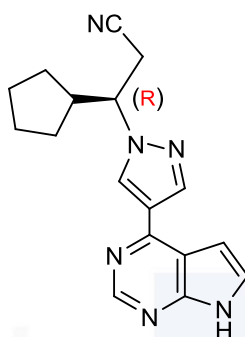


Northeast Business Center

7301 E. 90th Street, Suite 117, Indianapolis, IN 46256, USA

Phone: 317.598.0828 Fax: 317.598.0835 www.chemietek.com

Certificate of Analysis



Product Name:	INCB018424
Synonym:	Ruxolitinib
CAS No:	941678-49-5
Prod. No:	CT-INCB
Lot No:	14
Batch Empirical Formula	C ₁₇ H ₁₈ N ₆ · 0.2H ₂ O
Batch Empirical Wt	310.0
Solubility	Soluble in DMSO
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	White Crystalline Powder with faint yellow tint
Quality Control	MS: [✓] ¹ HNMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓]C₁₇H₁₈N₆ · 0.2H₂O Calculated: C: 65.87% H: 5.98% N: 27.11% Found: C: 65.08% H: 5.89% N: 26.92%
Chemical Purity	>99.8% (Achiral HPLC at 220 and 254 nm)
Optical Purity (e.e)	100% (R-Enantiomer, Chiral HPLC)