

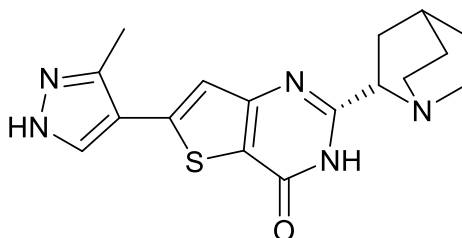


Northeast Business Center

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Certificate of Analysis



Product Name:	TAK-931 (Simurosertib)
CAS No:	1330782-76-7
Prod. No:	CT-TAK931
Lot No:	02
Batch Empirical Formula Batch Empirical Wt.	C ₁₇ H ₁₉ N ₅ OS 341.4
Solubility	Soluble in DMSO (36.0mg/ml, 100mM)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	Milk-white to pale yellow crystalline Solid/Powder
Quality Control	¹ HNMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C₁₇H₁₉N₅OS Calculated: C: 59.80%; H: 5.61%; N: 20.51% Found: C: 59.82%; H: 5.74%; N: 20.26%
Chemical Purity	>99.5% (HPLC at 214 and 254 nm)
Optical Purity (ee)	>99.5% (Chiral HPLC)