

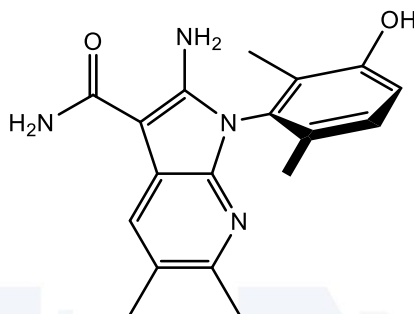


Northeast Business Center

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Certificate of Analysis



Product Name:	RP-6306
Synonym:	Lunresertib
CAS No:	2719793-90-3
Prod. No:	CT-RP6306
Lot No:	01
Batch Empirical Formula	C ₁₈ H ₂₀ N ₄ O ₂ ·1/5H ₂ O
Batch Empirical Wt.	328.0
Solubility	Soluble in DMSO (>32.8mg/ml, >100 mM) Ethanol (>16.4/ml, >50 mM)
Storage	Store at 0-4 °C (short term), -20 °C (long term), desiccated

Appearance	Beige powder
Quality Control	¹ H-NMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C ₁₈ H ₂₀ N ₄ O ₂ ·1/5H ₂ O Calculated: C: 65.92% H: 6.27% N: 17.08% Found: C: 65.50% H: 6.27% N: 16.83%
Optical Rotation	[α] _D ²⁵ = +37.8 ° (c 1.00, ETOH)
Chemical Purity	>99% (HPLC)
Optical Purity (e.e)	>99% (Chiral HPLC)