

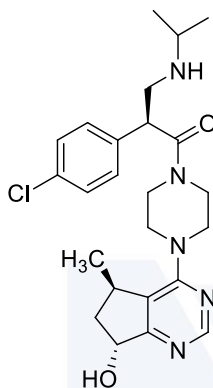


Northeast Business Center

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Certificate of Analysis



Product Name:	GDC-0068
Synonym:	Ipatasertib, RG7440
CAS No:	1001264-89-6
Prod. No:	CT-G0068
Lot No:	02
Batch Empirical Formula	C ₂₄ H ₃₂ ClN ₅ O ₂ ·0.2H ₂ O
Batch Empirical. Wt.	461.6
Solubility:	Soluble in DMSO
Storage:	Store at 0 – 4 °C (short term), -20 °C (long term), desiccated

Appearance	Off-white to Pale yellow Powder
Quality Control	¹ H-NMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C ₂₄ H ₃₂ ClN ₅ O ₂ ·0.2H ₂ O Calculated: C: 62.45%; H: 7.07%; N: 15.17% Found: C: 61.83%; H: 6.98%; N: 15.01%
Chemical Purity	99% (Achiral HPLC)
Stereomeric Purity	99% (Chiral HPLC)