

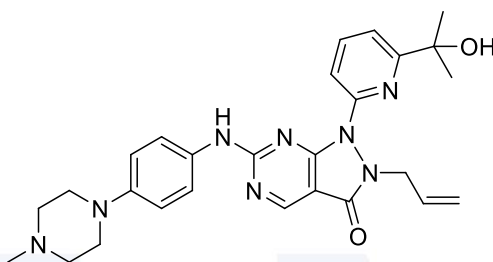


Northeast Business Center

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Certificate of Analysis



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|-------------------------|--|
| Product Name: | MK-1775 |
| Synonym: | Adavosertib, AZD1775 |
| CAS No: | 955365-80-7 |
| Prod. No: | CT-MK1775 |
| Lot No: | 04 |
| Batch Empirical Formula | C ₂₇ H ₃₂ N ₈ O ₂ · H ₂ O |
| Batch Empirical Wt. | 518.6 |
| Solubility | Soluble in DMSO (51mg/ml, 100 mM) 0.1N HCl (25.5 mg/ml, 50 mM) |
| Storage | Store at 0 °C (short term), -20 °C (long term), desiccated |

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|------------------------|--|
| Appearance | Yellow to pale yellow powder, recrystallized |
| Quality Control | MS: [✓] ¹ HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] C ₂₇ H ₃₂ N ₈ O ₂ · H ₂ O Calculated: C: 62.53%; H: 6.61%; N: 21.37% Found: C: 61.98%; H: 6.69%; N: 21.61% |
| Chemical Purity | >99% (HPLC) |