

Northeast Business Center

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Certificate of Analysis

| Product Name: | Everolimus |
|---|--|
| Synonym: | RAD001 |
| CAS No: | 159351-69-6 |
| Prod. No: | CT-EVER |
| Lot No: | 02 |
| Batch Empirical Formula Batch Empirical Wt. | C ₅₃ H ₈₃ NO ₁₄ 958.2 |
| Solubility | Soluble in DMSO (195.2mg/ml, 200mM) |
| Storage | Store at 0-4 °C (short term), -20 °C (long term), desiccated |

| Appearance | White powder |
|-----------------|---|
| | |
| Quality Control | ¹HNMR: [√] |
| | HPLC: [√] |
| | Quantitative Elemental Analysis: $[\sqrt{]}$ C ₅₃ H ₈₃ NO ₁₄ |
| | Calculated: C: 66.43% H: 8.73% |
| | Found: C: 66.24% H: 8.84% |
| Purity | >99% (Sum of all isomers in dynamic equilibria) (HPLC) |