Northeast Business Center
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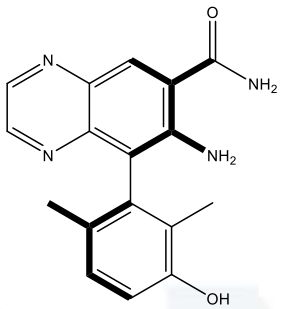
# Certificate of Analysis

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|---|---|
| **Product Name:** | **XL-495** |
| **Synonym:** | XL495 |
| **CAS No:** | 3040320-93-9 |
| **Prod. No:** | CT-XL495 |
| **Lot No:** | 01 |
| Batch Empirical Formula<br>Batch Empirical Wt. | $C_{17}H_{16}N_4O_2 \cdot 1.3H_2O$<br>330.0 |
| Solubility | Soluble in<br>DMSO (33.0mg/mL, 100 mM) |
| Storage | Store at 0-4 °C (short term), -20 °C (long term), desiccated |

| | |
|---|---|
| **Appearance** | Yellow to Pale-yellow Powder |
| **Quality Control** | $^1$H-NMR: [√]<br>MS: [√]<br>Achiral HPLC: [√]<br>Chiral HPLC: [√]<br>Quantitative Elemental Analysis: [√] $C_{17}H_{16}N_4O_2 \cdot 1.3H_2O$<br>Calculated: C: 61.55% H: 5.65% N: 16.89%<br>Found: C: 61.22% H: 5.50% N: 16.54% |
| **Chemical Purity** | 99% (HPLC) |
| **Optical Purity (e.e)** | 99% (Chiral HPLC) |