

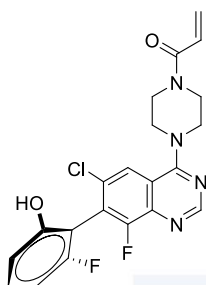


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>ARS-1620</b>
<b>Synonym:</b>	NA
<b>CAS No:</b>	1698055-85-4
<b>Prod. No:</b>	CT-ARS1620
<b>Lot No:</b>	01
<b>Batch Empirical Formula</b> <b>Batch Empirical Wt.</b>	C <sub>21</sub> H <sub>17</sub> ClF <sub>2</sub> N <sub>4</sub> O <sub>2</sub> · 0.2H <sub>2</sub> O 434.4
<b>Solubility</b>	Soluble in DMSO (>43.4mg/ml, >100 mM)
<b>Storage</b>	Store at 0 °C (short term), -20 °C (long term), desiccated

<b>Appearance</b>	Off-white powder
<b>Quality Control</b>	MS: [√] <sup>1</sup> HNMR: [√] HPLC: [√] Chiral HPLC: [√] <b>Quantitative Elemental Analysis: [√] C<sub>21</sub>H<sub>17</sub>ClF<sub>2</sub>N<sub>4</sub>O<sub>2</sub> · 0.2H<sub>2</sub>O</b> Calculated: C: 58.06%; H: 4.04%; N: 12.90% Found: C: 57.94%; H: 4.10%; N: 12.96%
<b>Chemical Purity</b>	99.5% (HPLC)
<b>Optical Purity (e.e)</b>	99.5% (Chiral HPLC)