

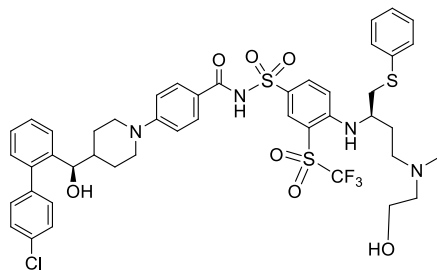


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>AZD4320</b>
<b>Synonym:</b>	AZD-4320
<b>CAS No:</b>	1357576-48-7
<b>Prod. No:</b>	CT-A4320
<b>Lot No:</b>	01
<b>Batch Empirical Formula</b> <b>Batch Empirical Wt.</b>	C <sub>45</sub> H <sub>48</sub> ClF <sub>3</sub> N <sub>4</sub> O <sub>7</sub> S <sub>3</sub> ·1/2H <sub>2</sub> O 954.5
<b>Solubility</b>	Soluble in DMSO (>76.4mg/ml, >80mM)
<b>Storage</b>	Store at 0 °C (short term), -20 °C (long term), in dark and desiccated in a tightly closed container.

<b>Appearance</b>	White Powder
<b>Quality Control</b>	<sup>1</sup> H-NMR: [✓] <sup>19</sup> F-NMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] MS: [✓] Quantitative Elemental Analysis: [✓] C <sub>45</sub> H <sub>48</sub> ClF <sub>3</sub> N <sub>4</sub> O <sub>7</sub> S <sub>3</sub> ·1/2H <sub>2</sub> O Calculated: C: 56.62%; H: 5.17%; N: 5.87%; Found: C: 56.21%; H: 5.01%; N: 5.81%;
<b>Chemical Purity</b>	99.9% (HPLC, detected at 215 nm) 99.9% (HPLC, detected at 254 nm)
<b>Stereomerial Purity (e.e, d.e)</b>	100% (Chiral HPLC) (A stereomerically pure single isomer)