

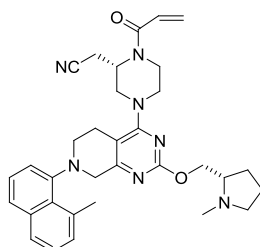


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>MRTX-1257 (MRTX1257)</b>
<b>Synonym:</b>	NA
<b>CAS No:</b>	2206736-04-9
<b>Prod. No:</b>	CT-MRTX1257
<b>Lot No:</b>	01
<b>Batch Empirical Formula</b> <b>Batch Empirical Wt.</b>	$C_{33}H_{39}N_7O_2 \cdot 1/2H_2O$ 574.7
<b>Solubility</b>	Soluble in DMSO (57.5mg/ml, 100 mM)
<b>Storage</b>	Store at 0 °C (short term), -20 °C (long term), desiccated

<b>Appearance</b>	White powder
<b>Quality Control</b>	MS: [✓] $^1H$ -NMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] <b>Quantitative Elemental Analysis: [✓] <math>C_{33}H_{39}N_7O_2 \cdot 1/2H_2O</math></b> Calculated: C: 68.97%; H: 7.01%; N: 17.06% Found: C: 69.12%; H: 7.21%; N: 16.93%
<b>Chemical Purity</b>	>99.5% (Achiral HPLC at 214nm) >99.5% (Achiral HPLC at 254nm)
<b>Optical Purity (e.e, d.e)</b>	100% (Chiral HPLC)