

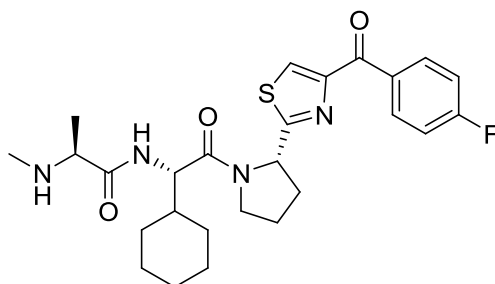


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>LCL-161</b>
<b>Synonym:</b>	NA
<b>CAS No:</b>	1005342-46-0
<b>Prod. No:</b>	CT-LCL161
<b>Lot No:</b>	01
<b>Batch Empirical Formula</b>	$C_{26}H_{33}FN_4O_3S \cdot 0.2H_2O$
<b>Batch Mol. Wt.</b>	504.2
<b>Solubility</b>	Soluble in DMSO
<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: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{26}H_{33}FN_4O_3S \cdot 0.2H_2O$ Calculated: C: 61.93%; H: 6.68%; N: 11.11% Found: C: 61.24%; H: 6.68%; N: 11.36%
<b>Chemical Purity</b>	99.7% (HPLC at 220 nm) 100% (HPLC 254 nm)
<b>Optical Purity (ee)</b>	100% (Chiral HPLC at 220 and 254 nm)