

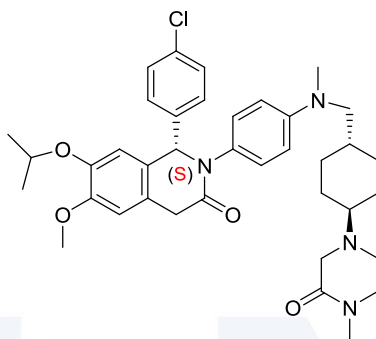


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>NVP-CGM097 (Free Base)</b>
<b>Synonym:</b>	CGM097
<b>CAS No:</b>	1313363-54-0
<b>Prod. No:</b>	CT-CGMFB
<b>Lot No:</b>	05
<b>Batch Empirical Formula</b> <b>Batch Empirical Wt.</b>	$C_{38}H_{47}ClN_4O_4 \cdot 0.5H_2O$ 668.3
<b>Solubility</b>	Soluble in DMSO
<b>Storage</b>	Store at 0 °C (short term), -20 °C (long term), desiccated

<b>Appearance</b>	Pale yellow crystalline solid
<b>Quality Control</b>	MS: [✓] $^1H$ NMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{38}H_{47}ClN_4O_4 \cdot 0.5H_2O$ Calculated: C: 68.30%; H: 7.24%; N: 8.38% Found: C: 67.30%; H: 7.15%; N: 8.13%
<b>Loss on Drying</b>	< 0.2%
<b>Chemical Purity</b>	>99% (Achiral HPLC at 214 and 254 nm)
<b>Optical Purity (ee)</b>	100% (Chiral HPLC)