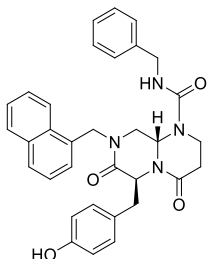


**Northeast Business Center**

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## Certificate of Analysis



<b>Product Name:</b>	<b>ICG-001</b>
<b>CAS No:</b>	780757-88-2
<b>Prod. No:</b>	CT-ICG001
<b>Lot No:</b>	01
<b>Batch Empirical Formula Batch Empirical Wt.</b>	$C_{33}H_{32}N_4O_4 \cdot 0.2H_2O$ 552.2
<b>Solubility:</b>	Soluble in DMSO (55.2mg/ml, 100mM) at 45 °C
<b>Storage:</b>	Store at 0 - 4 °C (short term), -20 °C (long term), desiccated

<b>Appearance</b>	White Crystalline powder
<b>Quality Control</b>	$^1H$ -NMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{33}H_{32}N_4O_4 \cdot 0.2H_2O$ Calculated: C: 71.77%; H: 5.91%; N: 10.15% Found: C: 71.29%; H: 5.91%; N: 10.04%
<b>Chemical Purity</b>	>99% (HPLC, at 214nm) >99% (HPLC, at 254nm)
<b>Optical Purity (e.e)</b>	100% (Chiral HPLC)