

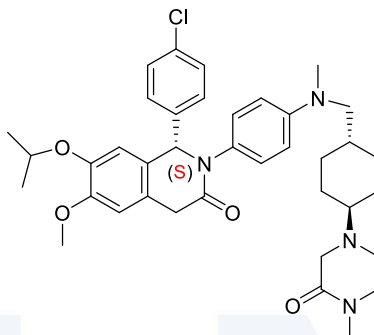


Northeast Business Center

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Certificate of Analysis



Product Name:	NVP-CGM097 (Hydrochloride)
Synonym:	CGM097
CAS No:	1313363-54-0
Prod. No:	CT-CGM097
Lot No:	02
Batch Empirical Formula	$C_{38}H_{47}ClN_4O_4 \cdot 2HCl \cdot H_2O$
Batch Empirical Wt.	750.2
Solubility	Soluble in DMSO (75.0mg/ml, 100mM) Water (15.0mg/ml, 20mM)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	Off-white Powder
Quality Control	MS: [✓] ¹ HNMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{38}H_{47}ClN_4O_4 \cdot 2HCl \cdot H_2O$ Calculated: C: 60.56%; H: 7.03%; N: 7.43% Found: C: 60.80%; H: 6.85%; N: 7.47%
Loss on Drying	< 0.2%
Chemical Purity	>99% (Achiral HPLC at 214 and 254 nm)
Optical Purity (ee)	100% (Chiral HPLC)