

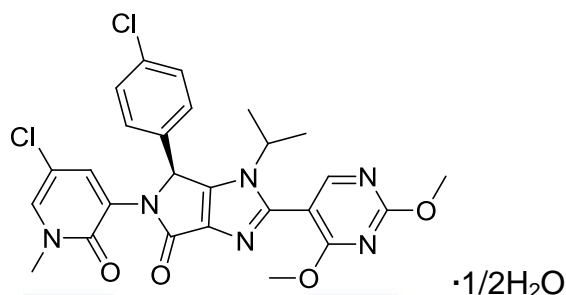


Northeast Business Center

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Certificate of Analysis



Product Name:	NVP-HDM201
Synonym:	HDM201
CAS No:	1448867-41-1
Prod. No:	CT-HDM201
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	$\text{C}_{26}\text{H}_{24}\text{Cl}_2\text{N}_6\text{O}_4 \cdot 1/2\text{H}_2\text{O}$ 564.4
Solubility	Soluble in DMSO (28.2mg/ml, 50mM) at 50 °C
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	White crystalline powder
Quality Control	^1H NMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] $\text{C}_{26}\text{H}_{24}\text{Cl}_2\text{N}_6\text{O}_4 \cdot 1/2\text{H}_2\text{O}$ Calculated: C: 55.33%; H: 4.46%; N: 14.89% Found: C: 55.35%; H: 4.53%; N: 14.77%
Chemical Purity	99.5% (HPLC at 214nm) 99.5% (HPLC at 254nm)
Optical Purity (ee)	100% (Chiral HPLC)