

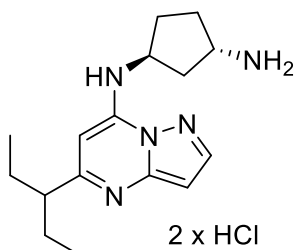


Northeast Business Center

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Certificate of Analysis



Product Name:	KB-0742 Dihydrochloride
Synonym:	NA
CAS No:	2416874-75-2
Prod. No:	CT-KB0742
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	$C_{16}H_{25}N_5 \cdot 2HCl \cdot 0.6H_2O$ 371.1
Solubility	Soluble in Water (>18.6mg/ml, >50mM)
Storage	Store at 0 oC (short term), at -20 oC (long term), desiccated in a tightly closed container. Caution: Very Hygroscopic

Appearance	Yellow to Pale-yellow Solid
Quality Control	MS: [✓] 1H -NMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{16}H_{25}N_5 \cdot 2HCl \cdot 0.6H_2O$ Calculated: C: 51.78%; H: 7.66%; N: 18.87%; Cl: 19.11% Found: C: 51.77%; H: 7.68%; N: 18.59%; Cl: 18.96%
Chemical Purity	>99% (Achiral HPLC)
Optical Purity (e.e, d.e)	>99% (Chiral HPLC)