

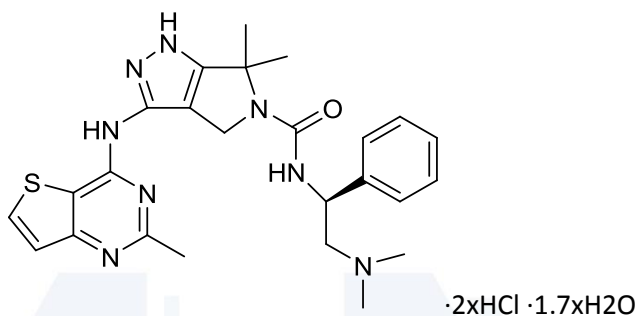


Northeast Business Center

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Certificate of Analysis



Product Name:	PF-03758309, 2xHCl salt
Synonym:	NA
CAS No:	1279034-84-2 (HCl salt)
Prod. No:	CT-PF0375
Lot No:	04
Batch Empirical Formula	$\text{C}_{25}\text{H}_{30}\text{N}_8\text{OS} \cdot 2x\text{HCl} \cdot 1.7x\text{H}_2\text{O}$
Batch Empirical. Wt.	594.2
Solubility:	Soluble in DMSO (60mg/ml, 100mM, Water (30mg/ml, 50mM)
Storage:	Store at 0 – 4 °C (short term), -20 °C (long term), desiccated

Appearance	Off-white to pale-yellow powder
Quality Control	MS: [✓] ^1H NMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] $\text{C}_{25}\text{H}_{30}\text{N}_8\text{OS} \cdot 2x\text{HCl} \cdot 1.7x\text{H}_2\text{O}$ Calculated: C: 50.54%; H: 6.00%; N: 18.86% Found: C: 51.17%; H: 6.07%; N: 18.98%
Chemical Purity	>99% (HPLC)
Optical Purity (ee)	>99.5% (Chiral HPLC)