

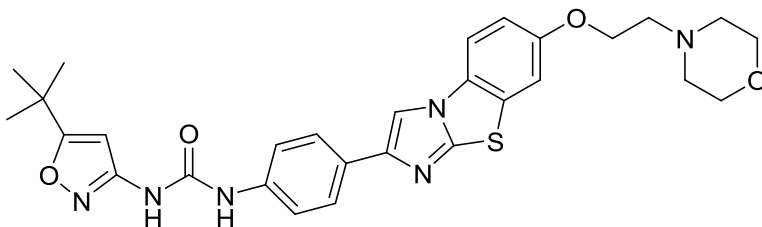


Northeast Business Center

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Certificate of Analysis



Product Name:	AC220 (free base)
Synonym:	Quizartinib, AC010220
CAS No:	950769-58-1 (free base), 1132827-21-4 (2 x HCl salt)
Prod. No:	CT-AC220
Lot No:	04
Batch Empirical Formula Batch Empirical Wt.	$C_{29}H_{32}N_6O_4S \cdot 0.3HCl$ 571.6
Solubility	Soluble in DMSO (80 mM)
Storage	Store at 0 °C (short term), at -20 °C (long term), desiccated

Appearance	White to off-white powder
Quality Control	1H NMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{29}H_{32}N_6O_4S \cdot 0.3HCl$ Calculated: C: 60.94%; H: 5.70%; N: 14.70% Found: C: 61.32%; H: 5.66%; N: 14.73%
Loss on Drying	< 0.2%
Chemical Purity	>99% (HPLC at 214 and 254 nm)