

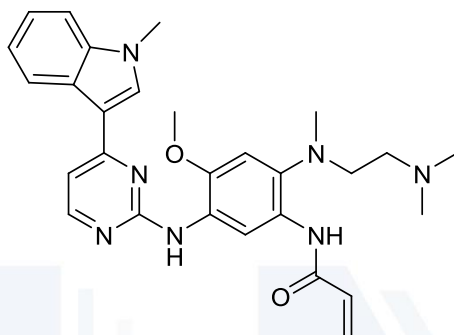


Northeast Business Center

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Certificate of Analysis



Product Name:	AZD9291 (free base)
CAS No:	1421373-65-0
Prod. No:	CT-A9291
Lot No:	03
Batch Empirical Formula Batch Empirical Wt.	$C_{28}H_{33}N_7O_2$ 499.6
Solubility	Soluble in DMSO (>40mg/mL, >80mM), Ethanol (>40mg/ml, >80 mM). Water with 2 eq. of HCl (40mg/mL, 80mM). Protocol: 1.0 ml aqueous solution (prepared by mixing 160 μ L 1.0 N HCl (160 μ mol HCl) with 840 μ L water) is added to 40.0 mg AZD9291 (80.0 μ mol) powder in a small vial, swirl to dissolve.
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	Off-white to pale-yellow powder
Quality Control	MS: [✓] 1 HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{28}H_{33}N_7O_2$ Calculated: C: 67.31%; H: 6.66%; N: 19.62% Found: C: 67.15%; H: 6.65%; N: 19.32%
Chemical Purity	>99.5% (HPLC)