

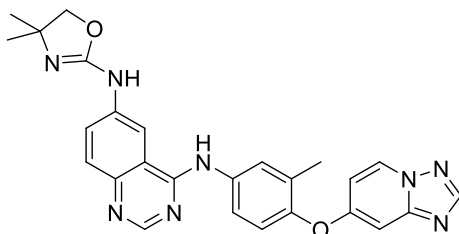


Northeast Business Center

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Certificate of Analysis



Product Name:	Tucatinib
Synonym	ARRY-380, Irbinitinib, ONT-380
CAS No:	937263-43-9
Prod. No:	CT-TUCA
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	$C_{26}H_{24}N_8O_2 \cdot 1.5H_2O$ 507.5
Solubility	Soluble in DMSO (50.8 mg/ml, 50 mM) at 25 °C
Storage	Store at 0 °C (short term), - 20 °C (long term), desiccated

Appearance	White to Off-white recrystallized powder
Quality Control	1H -NMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{26}H_{24}N_8O_2 \cdot 1.5H_2O$ Calculated: C: 61.33%; H: 5.31%; N: 21.97%, Found: C: 61.53%; H: 5.36%; N: 22.08%,
Chemical Purity	>99% (HPLC at 214 nm) >99% (HPLC at 254 nm)