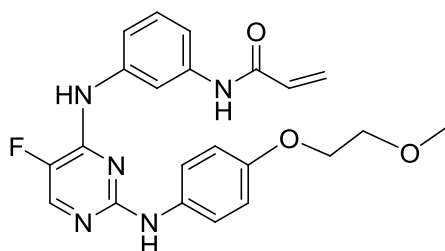


**Northeast Business Center**

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Certificate of Analysis



Product Name:	AVL-292
Synonym:	Spebrutinib, CC-2992
CAS No:	1202757-89-8
Prod. No:	CT-AVL292
Lot No:	01
Mol. Formula	C ₂₂ H ₂₂ FN ₅ O ₃
Mol. Wt.	423.4
Solubility	Soluble in DMSO (42.3mg/ml, 100 mM)
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	Whit to off-white powder
Quality Control	MS: [✓] ¹ HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] C ₂₂ H ₂₂ FN ₅ O ₃ Calculated: C: 62.42% H: 5.24% N: 16.54% Found: C: 62.41% H: 5.26% N: 16.67%
Loss on Drying	< 0.2%
Chemical Purity	>98.5% (HPLC at 220 and 254 nm)