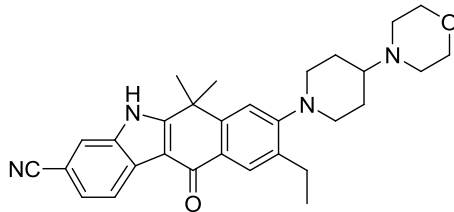


## Certificate of Analysis



<b>Product Name:</b>	<b>CH5424802</b>
<b>Synonym:</b>	Alectinib
<b>CAS No:</b>	1256580-46-7
<b>Prod. No:</b>	CT-CH542
<b>Lot No:</b>	02
<b>Batch Empirical Formula</b> <b>Batch Empirical Wt.</b>	$C_{30}H_{34}N_4O_2 \cdot 0.5HCl \cdot 0.5H_2O$ 509.9
<b>Solubility</b>	Soluble in DMSO and acidic buffer
<b>Storage</b>	Store at 0 °C (short term), -20 °C (long term), desiccated

<b>Appearance</b>	White to off-white powder
<b>Quality Control</b>	MS: [✓] <sup>1</sup> HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] $C_{30}H_{34}N_4O_2 \cdot 0.5HCl \cdot 0.5H_2O$ Calculated: C: 70.67%    H: 7.02%    N: 10.99% Found: C: 70.46 %    H: 7.07 %    N: 10.96 %
<b>Loss on Drying</b>	< 0.2%
<b>Purity</b>	99% (HPLC at 214 nm and 254 nm)