

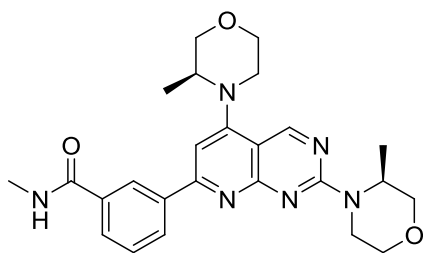


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>AZD2014</b>
<b>Synonym</b>	Vistusertib
<b>CAS No:</b>	1009298-59-2
<b>Prod. No:</b>	CT-A2014
<b>Lot No:</b>	02
<b>Batch Empirical Formula Batch Empirical Wt.</b>	C <sub>25</sub> H <sub>30</sub> N <sub>6</sub> O <sub>3</sub> 462.5
<b>Solubility</b>	Soluble in DMSO (39.8mg/ml, 80 mM)
<b>Storage</b>	Store at 0 °C (short term), - 20 °C (long term), desiccated

<b>Appearance</b>	Pale Yellow Crystalline Powder, Recrystallized
<b>Quality Control</b>	<sup>1</sup> HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] C <sub>25</sub> H <sub>30</sub> N <sub>6</sub> O <sub>3</sub> Calculated: C: 64.92%; H: 6.54%; N: 18.17% Found: C: 64.84%; H: 6.48%; N: 18.21%
<b>Chemical Purity</b>	>99.5% (HPLC at 214 and 254 nm )