

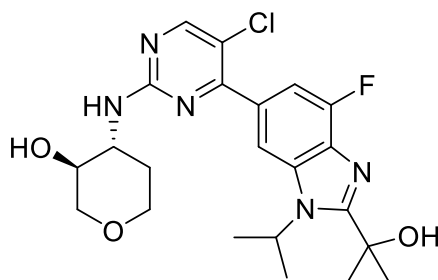


Northeast Business Center

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## Certificate of Analysis



<b>Product Name:</b>	<b>CDK4-IN-1</b>
<b>Synonym:</b>	PF-07220060
<b>CAS No:</b>	NA
<b>Prod. No:</b>	CT-PF0722
<b>Lot No:</b>	01
Batch Empirical Formula	C <sub>22</sub> H <sub>27</sub> ClFN <sub>5</sub> O <sub>3</sub> · 1/2H <sub>2</sub> O
Batch Empirical Wt.	473.0
Solubility	Soluble in DMSO (47.3mg/ml, 100 mM)
Storage	Store at 0-4 °C (short term), -20 °C (long term), desiccated

<b>Appearance</b>	White Powder
<b>Quality Control</b>	<sup>1</sup> H-NMR: [✓] Achiral HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C <sub>22</sub> H <sub>27</sub> ClFN <sub>5</sub> O <sub>3</sub> · 1/2H <sub>2</sub> O Calculated: C: 55.87% H: 5.97% N: 14.81% Found: C: 56.03% H: 5.98% N: 14.97%
<b>Optical Rotation</b>	Measured: [α] <sup>22</sup> <sub>D</sub> = - 12.8 ° (c 0.21, MeOH) Reported: [α] <sup>22</sup> <sub>D</sub> = - 12.6 ° (c 0.2, MeOH)
<b>Chemical Purity</b>	>99% (HPLC)
<b>Optical Purity (e.e, d.e)</b>	>99% (Chiral HPLC)