

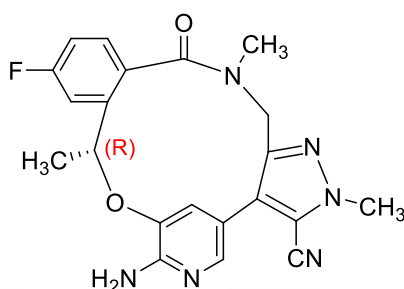


Northeast Business Center

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## Certificate of Analysis



Product Name:	Lorlatinib
Synonym:	PF-06463922
CAS No:	1454846-35-5
Prod. No:	CT-PF0646
Lot No:	03
Batch Empirical Formula Batch Empirical. Wt.	C <sub>21</sub> H <sub>19</sub> FN <sub>6</sub> O <sub>2</sub> · 0.5 H <sub>2</sub> O 415.4
Solubility	Soluble in DMSO
Storage	Store at 0 °C (short term), -20 °C (long term), desiccated

Appearance	White to Off-white powder
Quality Control	MS: [✓] 1H-NMR: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C <sub>31</sub> H <sub>29</sub> Cl <sub>2</sub> F <sub>2</sub> N <sub>3</sub> O <sub>4</sub> · 0.5H <sub>2</sub> O Calculated: C: 60.72%; H: 4.85%; N: 20.23% Found: C: 60.92%; H: 4.92%; N: 20.33%
Optical Rotation	[α] <sub>D</sub> <sup>20</sup> = - 106 ° (c 0.58, MeOH)
Chemical Purity	>99% (HPLC)
Optical Purity (ee)	>99% (Chiral HPLC)