

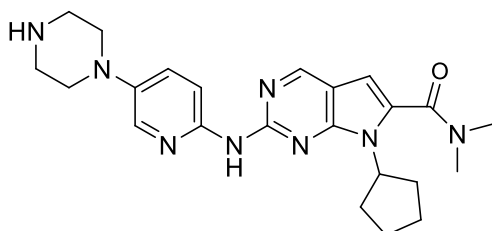


Northeast Business Center

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## Certificate of Analysis



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| <b>Product Name:</b>   | <b>LEE-011</b>   |
| <b>Synonym:</b>  | <b>Ribociclib</b>  |
| <b>IUPAC Name:</b>   | 7-cyclopentyl-2-(5-piperazin-1-yl-pyridin-2-ylamino)-7H-pyrrolo[2,3-d]pyrimidine-6-carboxylic acid dimethylamide |
| <b>CAS No:</b>   | 1211441-98-3   |
| <b>Prod. No:</b>   | CT-LEE011  |
| <b>Lot No:</b>   | 01   |
| <b>Batch Empirical Formula</b><br><b>Batch Empirical Wt.</b> | C <sub>23</sub> H <sub>30</sub> N <sub>8</sub> O · 0.5H <sub>2</sub> O<br>443.5                                  |
| <b>Solubility</b>  | Soluble<br>in DMSO (44.4mg/mL, 100 mM).<br>In 0.1N HCl (22.2mg/mL, 50 mM).                                       |
| <b>Storage</b>   | Store at 0 °C (short term), -20 °C ( long term), desiccated  |

|                        |  |
|------------------------|--|
| <b>Appearance</b>      | Off -white to Pale Yellow Powder   |
| <b>Quality Control</b> | MS: [√]<br><sup>1</sup> HNMR: [√]<br>HPLC: [√]<br>Quantitative Elemental Analysis: [√] C <sub>23</sub> H <sub>30</sub> N <sub>8</sub> O · 0.5H <sub>2</sub> O<br>Calculated: C: 62.28%; H: 7.04%; N: 25.26%<br>Found: C: 61.90%; H: 7.05%; N: 25.15% |
| <b>Chemical Purity</b> | >99% (HPLC)  |