

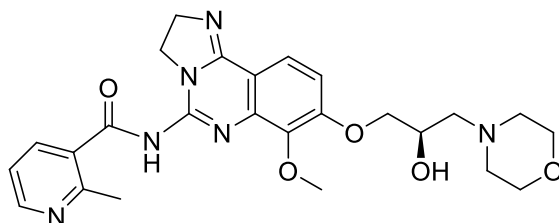


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## Certificate of Analysis



|  |   |
|--|---|
| <b>Product Name:</b>   | <b>BAY-1082439</b>  |
| <b>CAS No:</b>   | 1375469-38-7  |
| <b>Prod. No:</b>   | CT-BAY108   |
| <b>Lot No:</b>   | 01  |
| <b>Batch Empirical Formula</b><br><b>Batch Empirical Wt.</b> | C <sub>25</sub> H <sub>30</sub> N <sub>6</sub> O <sub>5</sub> ·0.2H <sub>2</sub> O<br>498.2 |
| <b>Solubility:</b>   | Soluble in 0.1N HCl (35.0mg/ml, 70mM) at 45 °C  |
| <b>Storage:</b>  | Store at 0 °C (short term), -20 °C ( long term), desiccated                                 |

|                             |   |
|-----------------------------|---|
| <b>Appearance</b>           | Snow-white Powder   |
| <b>Quality Control</b>      | MS: [✓]<br><sup>1</sup> HNMR: [✓]<br>HPLC: [✓]<br>Chiral HPLC: [✓]<br><b>Quantitative Elemental Analysis: [✓] C<sub>25</sub>H<sub>30</sub>N<sub>6</sub>O<sub>5</sub>·0.2H<sub>2</sub>O</b><br>Calculated: C: 60.27%; H: 6.15%; N: 16.87%<br>Found: C: 60.25%; H: 6.03%; N: 16.92% |
| <b>Loss on Drying</b>       | < 0.2%  |
| <b>Chemical Purity</b>      | >99% (HPLC at 214 and 254 nm)   |
| <b>Optical Purity (e.e)</b> | 100% (Chiral HPLC)  |