

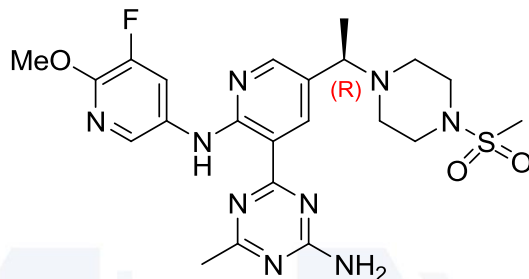


Northeast Business Center

7301 E. 90th Street, Suite 117, Indianapolis, IN 46256, USA

Phone: 317.598.0828 Fax: 317.598.0835 www.chemietek.com

## Certificate of Analysis



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| <b>Product Name:</b>   | <b>AMG-511</b>   |
| <b>Synonym:</b>  | NA   |
| <b>CAS No:</b>   | 1253573-53-3   |
| <b>Prod. No:</b>   | CT-AMG511  |
| <b>Lot No:</b>   | 03   |
| <b>Batch Empirical Formula</b><br><b>Batch Empirical Wt.</b> | $C_{22}H_{28}FN_9O_3S \cdot 0.3HCl$<br>528.5               |
| <b>Solubility</b>  | Soluble in DMSO  |
| <b>Storage</b>   | Store at 0 °C (short term), -20 °C (long term), desiccated |

|                            |   |
|----------------------------|---|
| <b>Appearance</b>          | Yellow to pale yellow powder  |
| <b>Quality Control</b>     | MS: [✓]<br>$^1H$ NMR: [✓]<br>HPLC: [✓]<br>Chiral HPLC: [✓]<br><b>Quantitative Elemental Analysis [✓]: <math>C_{22}H_{28}FN_9O_3S \cdot 0.3HCl</math></b><br>Calculated: C: 50.00% H: 5.40% N: 23.85%<br>Found: C: 50.72% H: 5.37% N: 23.56% |
| <b>Loss on Drying</b>      | < 0.2%  |
| <b>Chemical Purity</b>     | >99.5% (HPLC at 214 and 254 nm)   |
| <b>Optical purity (ee)</b> | >99% (Chiral HPLC)  |