

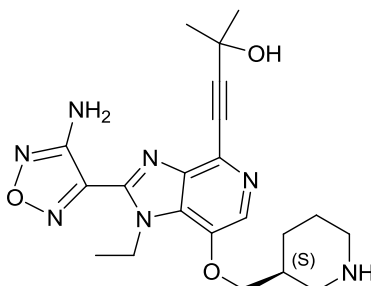


Northeast Business Center

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

Phone: 317.598.0828 Fax: 317.598.0835 www.chemietek.com

## Certificate of Analysis



|                         |                                                                        |
|-------------------------|------------------------------------------------------------------------|
| <b>Product Name:</b>    | <b>GSK690693</b>                                                       |
| <b>Synonym:</b>         | NA                                                                     |
| <b>CAS No:</b>          | 937174-76-0                                                            |
| <b>Prod. No:</b>        | CT-GSK690                                                              |
| <b>Lot No:</b>          | 02                                                                     |
| Batch Empirical Formula | C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>3</sub> · 0.6HCl |
| Batch Empirical Weight  | 447.4                                                                  |
| Solubility              | Soluble in DMSO (35.8mg/ml, 80 mM)                                     |
| Storage                 | 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>Chiral HPLC: [✓]<br><b>Quantitative Elemental Analysis: [✓] C<sub>21</sub>H<sub>27</sub>N<sub>7</sub>O<sub>3</sub> · 0.6HCl</b><br>Calculated: C: 56.38% H: 6.22% N: 21.92%<br>Found: C: 56.37% H: 6.15% N: 21.84% |
| <b>Loss on Drying</b>       | < 0.2%                                                                                                                                                                                                                                                               |
| <b>Chemical Purity</b>      | >99% (HPLC)                                                                                                                                                                                                                                                          |
| <b>Optical Purity (e.e)</b> | 100% (Chiral HPLC)                                                                                                                                                                                                                                                   |