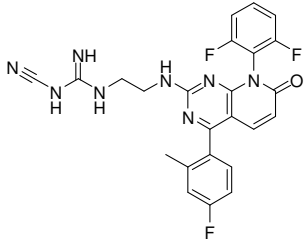




## Certificate of Analysis

|                                 |   |                                |                        |
|---------------------------------|---|--------------------------------|------------------------|
| <b>Axon Catalogue ID:</b>       | 2444  | <b>Batch Number:</b>           | 1                      |
| <b>Product Name:</b>            | SB 706504   |                                |                        |
| <b>Alternative Name(s):</b>     | PCG   |                                |                        |
| <b>IUPAC Name:</b>              | N-Cyano-N'-[2-[[8-(2,6-difluorophenyl)-4-(4-fluoro-2-methylphenyl)-7,8-dihydro-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]ethyl]guanidine |                                |                        |
| <b>Structure:</b>               |    |                                | <b>Amount:</b>         |
| <b>CAS number(s):</b>           | 911110-38-8   |                                |                        |
| <b>Molecular Formula:</b>       | C <sub>24</sub> H <sub>19</sub> F <sub>3</sub> N <sub>8</sub> O   | <b>Molecular Weight:</b>       | 492.46                 |
| <b>Batch Molecular Formula:</b> | C <sub>24</sub> H <sub>19</sub> F <sub>3</sub> N <sub>8</sub> O.0.25H <sub>2</sub> O  | <b>Batch Molecular Weight:</b> | 496.96                 |
| <b>Appearance:</b>              | White solid   | <b>Observed mp:</b>            | 207 - 208 °C           |
| <b>TLC (R<sub>f</sub>):</b>     | 0.65  | DCM/MeOH (9:1)                 |                        |
| <b>Chemical Purity:</b>         | 98.3%   |                                |                        |
| <b>Optical Purity (ee):</b>     | N.A.  |                                |                        |
| <b><sup>1</sup>H-NMR:</b>       | Analytical data confirm chemical structure  |                                |                        |
| <b>Mass Spec:</b>               | Analytical data confirm chemical structure  |                                |                        |
| <b>Microanalysis:</b>           | Calculated: C 58.00, H 3.96, N 22.55; Found: C 57.74, H 3.76, N 22.52   |                                |                        |
| <b>Storage Conditions:</b>      | Store at +4 °C  |                                |                        |
| <b>Solubility Data:</b>         | <b>Solvent</b>  | <b>Solubility (mg/ml)</b>      | <b>Solubility (mM)</b> |
|                                 | Water   |                                | Not Tested             |
|                                 | 0.1N NaOH (aq)  |                                | Not Tested             |
|                                 | 0.1N HCl (aq)   |                                | Not Tested             |
|                                 | DMSO  | 8.4                            | 16.9                   |
|                                 | EtOH  |                                | Not Tested             |
| <b>Remarks:</b>                 |   |                                |                        |
| <b>QC Date:</b>                 | 11-12-2020  |                                |                        |

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to [info@axonmedchem.com](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**