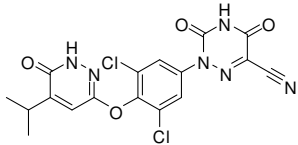




## Certificate of Analysis

|                                 |  |                                |                        |                |
|---------------------------------|--|--------------------------------|------------------------|----------------|
| <b>Axon Catalogue ID:</b>       | 2657   | <b>Batch Number:</b>           | 1                      |                |
| <b>Product Name:</b>            | MGL-3196   |                                |                        |                |
| <b>Alternative Name(s):</b>     | VIA-3196; Resmetirom   |                                |                        |                |
| <b>IUPAC Name:</b>              | 2-(3,5-Dichloro-4-(5-isopropyl-6-oxo-1,6-dihydropyridazin-3-yloxy)phenyl)-3,5-dioxo-2,3,4,5-tetrahydro-1,2,4-triazine-6-carbonitrile |                                |                        |                |
| <b>Structure:</b>               |   |                                | <b>Amount:</b>         |                |
| <b>CAS number(s):</b>           | 920509-32-6  |                                |                        |                |
| <b>Molecular Formula:</b>       | C <sub>17</sub> H <sub>12</sub> Cl <sub>2</sub> N <sub>6</sub> O <sub>4</sub>  | <b>Molecular Weight:</b>       | 435.22                 |                |
| <b>Batch Molecular Formula:</b> | C <sub>17</sub> H <sub>12</sub> Cl <sub>2</sub> N <sub>6</sub> O <sub>4</sub> .H <sub>2</sub> O                                      | <b>Batch Molecular Weight:</b> | 453.24                 |                |
| <b>Appearance:</b>              | Beige solid  | <b>Observed mp:</b>            | > 268°C (decomp)       |                |
| <b>TLC (R<sub>f</sub>):</b>     | 0.3  | DCM/MeOH (4:1)                 |                        |                |
| <b>Chemical Purity:</b>         | 99.5%  |                                |                        |                |
| <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 45.05, H 3.11, N 18.54; Found: C 44.84, H 2.90, N 18.85  |                                |                        |                |
| <b>Storage Conditions:</b>      | Store at +4 °C   |                                |                        |                |
| <b>Solubility Data:</b>         | <b>Solvent</b>   | <b>Solubility (mg/ml)</b>      | <b>Solubility (mM)</b> | <b>Remarks</b> |
|                                 | Water  | 0.0                            | 0.0                    | Insoluble      |
|                                 | 0.1N NaOH (aq)   |                                |                        | Not Tested     |
|                                 | 0.1N HCl (aq)  |                                |                        | Not Tested     |
|                                 | DMSO   | 45.3                           | >100 mM                |                |
|                                 | EtOH   |                                |                        | Not Tested     |

**Remarks:**

**QC Date:**

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**