

# Specification

Technical Data Sheet

|                                 |                                        |                                          |
|---------------------------------|----------------------------------------|------------------------------------------|
| <b>CAS</b><br><b>72559-06-9</b> | <b>STORAGE</b><br><b>-15 to -20 °C</b> | <b>MOLECULAR WEIGHT</b><br><b>847.00</b> |
|---------------------------------|----------------------------------------|------------------------------------------|

**PRODUCT****Ansamycin**

|                          |                                                                |
|--------------------------|----------------------------------------------------------------|
| <b>Product number</b>    | 11006783                                                       |
| <b>CAS number</b>        | 72559-06-9                                                     |
| <b>Molecular formula</b> | C <sub>46</sub> H <sub>62</sub> N <sub>4</sub> O <sub>11</sub> |
| <b>Molecular weight</b>  | 847.00 g/mol                                                   |

| PARAMETER             | SPECIFICATION                 |
|-----------------------|-------------------------------|
| <b>Appearance</b>     | Purple powder                 |
| <b>Assay</b>          | 950ug/mg ~ 1020ug/mg          |
| <b>Grade</b>          | Conforms to USP               |
| <b>Identification</b> | Conforms to reference         |
| <b>Impurity</b>       | ≤0.5% (N-Iso Butylpiperidone) |
| <b>Melting Point</b>  | 169°C - 171°C                 |
| <b>Water</b>          | ≤2%                           |

|                                |                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SPECIFICATION STATEMENT</b> | The values stated above represent the standard specification for this product, issued under <b>Molekula Ltd</b> 's quality management system. Batch-specific results are provided on the Certificate of Analysis. |
| <b>STORAGE</b>                 | Store as indicated on the product label, away from light, moisture and incompatible materials.                                                                                                                    |

Molekula Ltd would like to thank you for your support of our products and service.

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