# Certificate of Analysis



## AS1842856

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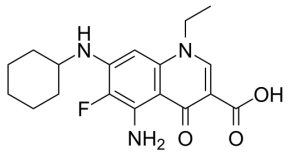
|---|---|
| **Cat. No.:** | HY-100596 |
| **CAS No.:** | 836620-48-5 |
| **Batch No.:** | 58122 |
| **Chemical Name:** | 3-Quinolinecarboxylic acid, 5-amino-7-(cyclohexylamino)-1-ethyl-6-fluoro-1,4-dihydro-4-oxo- |

### PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| **Molecular Formula:** | $C_{18}H_{22}FN_3O_3$ | | |
| **Molecular Weight:** | 347.38 | | |
| **Storage:** | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |

**Chemical Structure:**




### ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | White to off-white (Solid) |
| **$^1$H NMR Spectrum:** | Consistent with structure |
| **LCMS:** | Consistent with structure |
| **Purity (LCMS):** | 98.89% |
| **Conclusion:** | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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