**Certificate of Analysis** 



## Fluoroquinolonic acid

Cat. No.: HY-W002677 CAS No.: 86393-33-1 Batch No.: 254765

**Chemical Name:** 3-Quinolinecarboxylic acid, 7-chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>13</sub>H<sub>9</sub>ClFNO<sub>3</sub> Molecular Weight: 281.67

Storage: Powder -20°C 3 years

> 2 years  $4^{\circ}C$

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to off-white (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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