Certificate of Analysis

Antibacterial agent 19

Cat. No.: HY-138621
CAS No.: 79660-59-6
Batch No.: 268341

Chemical Name: 3-Quinolinecarboxylic acid, 1-ethyl-6,8-difluoro-1,4-dihydro-7-(4-morpholinyl)-4-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{16}F_2N_2O_4$

Molecular Weight: 338.31

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 (HPLC): 99.46%

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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