



CERTIFICATE OF ANALYSIS

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1. Identification

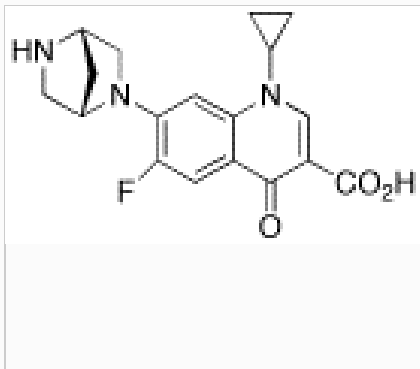
Catalogue Number: D291585

CAS Number: 108461-04-7

Product: N-Desmethyl Danofloxacin

Synonym: 1-Cyclopropyl-7-(1S,4S)-2,5-diazabicyclo[2.2.1]hept-2-yl-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic Acid

Structure:



Molecular Formula:

C₁₈H₁₈FN₃O₃

Molecular weight:

343.35

Source of Product:

Synthetic

Solubility:

Aqueous Base (Slightly, Sonicated), DMSO (Slightly)

Lot Number: 15-SHG-134-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Beige Solid	Beige Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-245.1° (c = 0.5, 0.1N NaOH)
F NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	93.33% (285 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Xhoana Gjergji	Toni Rantanen	My Nguyen	7/9/2020	7/7/2027