



# CERTIFICATE OF ANALYSIS

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## 1. Identification

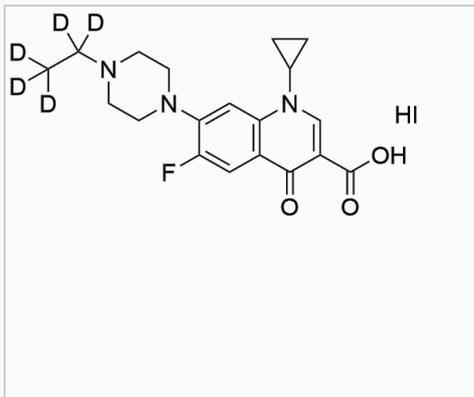
**Catalogue Number:** E211321

**CAS Number:** 1219795-24-0

**Product:** Enrofloxacin (ethyl-d5) Hydroiodide Salt

**Synonym:**

**Structure:**



**Molecular Formula:**

$C_{19}H_{17}D_5FN_3O_3 \cdot HI$

**Molecular weight:**

364.43 + (127.91)

**Source of Product:**

Synthetic

**Solubility:**

Aqueous Base (Slightly, Heated, Sonicated), Methanol (Slightly, Sonicated)

**Lot Number:** Z-504

**Purity:** 97%

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

**Storage Condition:** -20°C

## 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

## 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Light Yellow Solid	Pale Yellow to Light Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.17% (280 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.9%
F NMR	Conforms to Structure	Conforms

**Additional Information:**

\*\*\*Material was manufactured at CDN Isotopes, an affiliate of TRC\*\*\*  
Normalized Intensity: d0 = 0.04%, d1 = 0.00%, d2 = 0.02%, d3 = 0.04%, d4 = 0.00%, d5 = 99.91%

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
Swathi Reddy	Toni Rantanen	Chanell Chu	6/21/2022	6/19/2026