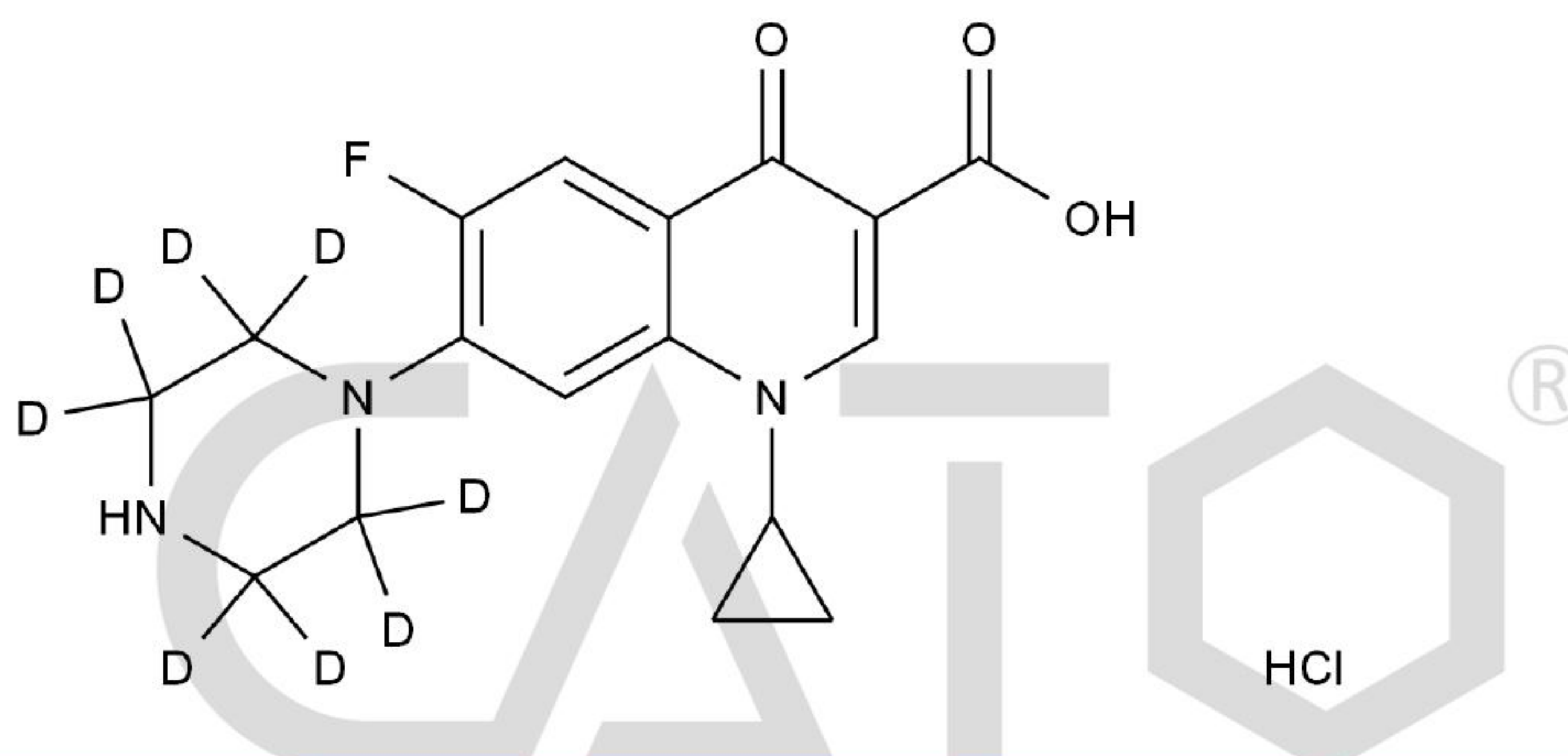


Certificate of Analysis

Reference Material & Standard

Product Name:	Ciprofloxacin-D8 Hydrochloride	Catalogue Number:	CCAD300688
Synonyms:	N/A	Lot Number:	0521-RG-0017
CAS Number:	1216659-54-9	Expiry Date:	Aug 09, 2030
Molecular Formula:	C ₁₇ H ₁₀ D ₈ FN ₃ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	339.39 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.2%
Isotopic Purity		98.6%
Uncertainty		±0.2%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 10, 2026

Date: Aug 11, 2026

Date: Aug 11, 2026



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