

Certificate of Analysis

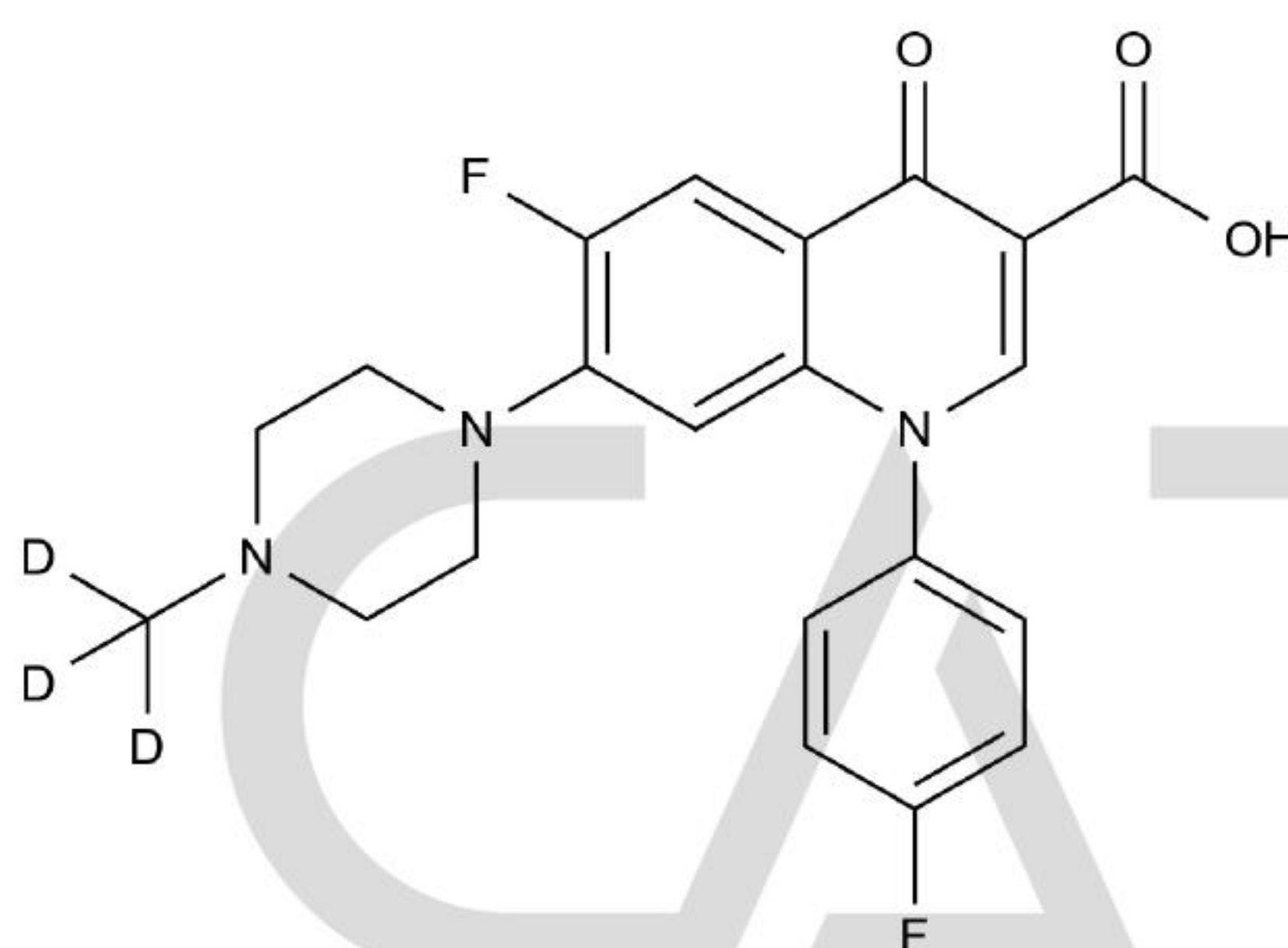
Reference Material & Standard

Product Name:	Difloxacin-d3 (methyl-d3)	Catalogue Number:	CCAD302851
Synonyms:	N/A	Lot Number:	0410-RH-0049
CAS Number:	1173147-93-7	Expiry Date:	Mar 09, 2029
Molecular Formula:	C ₂₁ H ₁₆ D ₃ F ₂ N ₃ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	402.41	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow to White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.5%
Isotopic Purity		100.0%
Uncertainty		±0.1%

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: Apr 10, 2026

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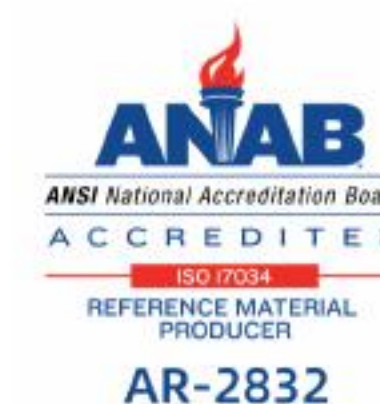
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