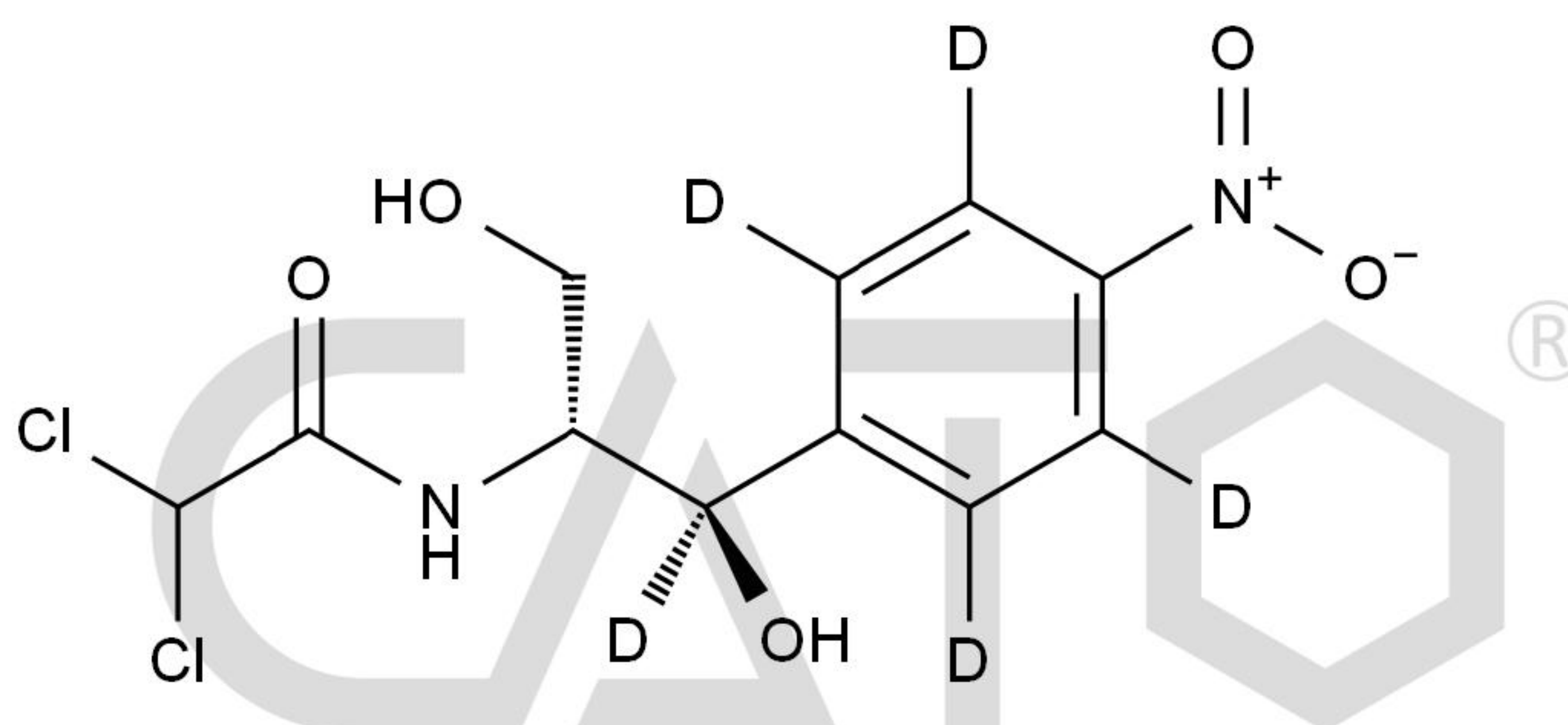


Certificate of Analysis

Reference Material & Standard

Product Name:	Chloramphenicol-d5	Catalogue Number:	CCAD300661
Synonyms:	N/A	Lot Number:	0105-RH-0032
CAS Number:	202480-68-0	Expiry Date:	Dec 28, 2028
Molecular Formula:	C ₁₁ H ₇ D ₅ Cl ₂ N ₂ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	328.16	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	97.8%
Isotopic Purity		99.21%, D5: 97.33%, D4: 1.38%, D3: 1.29%
Uncertainty		±0.4%

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:

Reviewed by:

Approved by General Manager:

Date: Mar 31, 2026

Date: Mar 31, 2026

Date: Mar 31, 2026



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