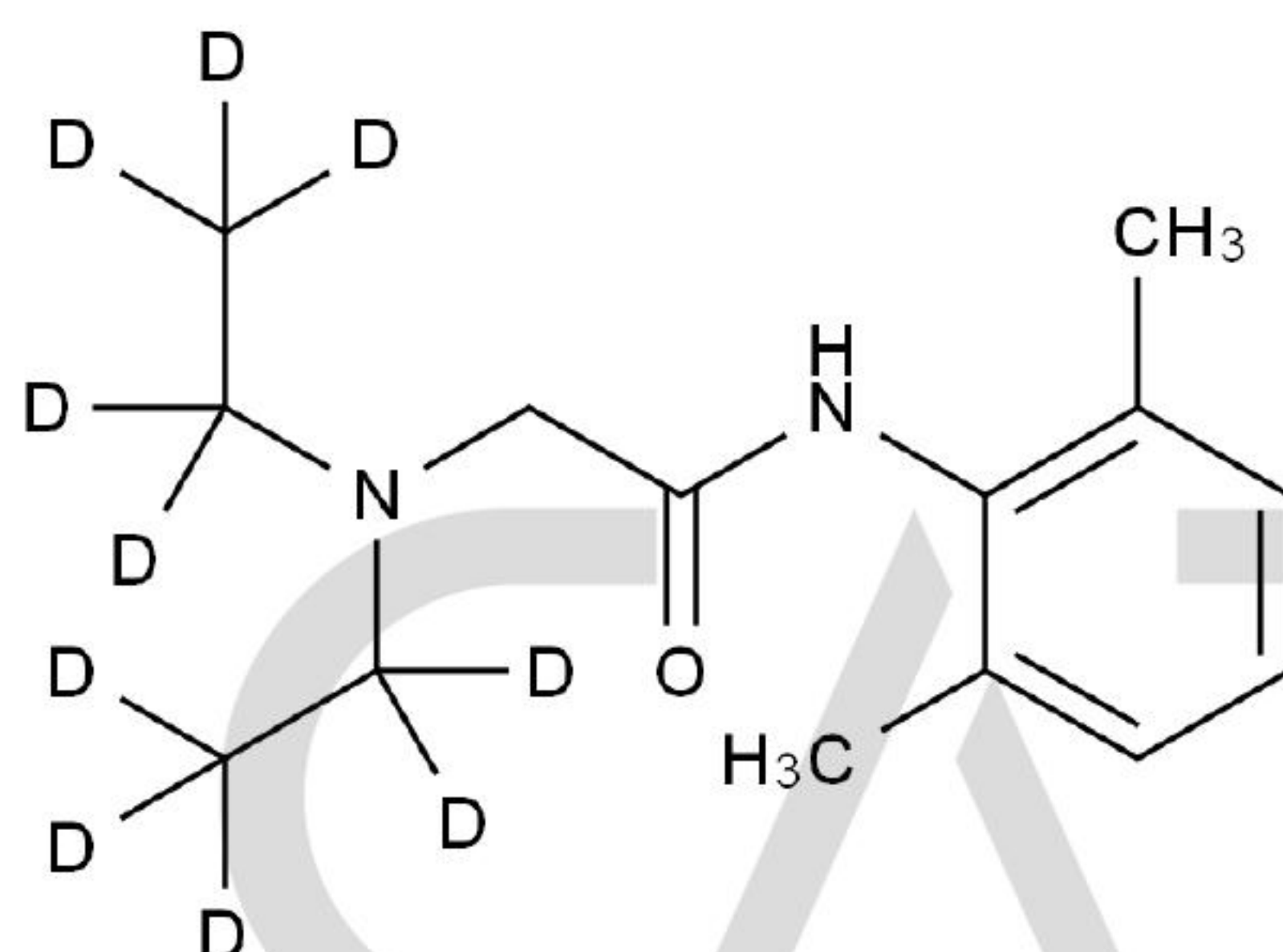


Certificate of Analysis

Reference Material & Standard

Product Name:	Lidocaine-d10	Catalogue Number:	CCAD301719
Synonyms:	N/A	Lot Number:	0611-RH-0020
CAS Number:	851528-09-1	Expiry Date:	Jul 21, 2028
Molecular Formula:	C ₁₄ H ₁₂ D ₁₀ N ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	244.40	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White to Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.3%
Isotopic Purity		99.53%(D10: 95.26%; D9: 4.74%)
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:

Hin Lam

Approved by General Manager:

David

Date: Jun 18, 2026

Date: Jun 18, 2026

Date: Jun 18, 2026



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