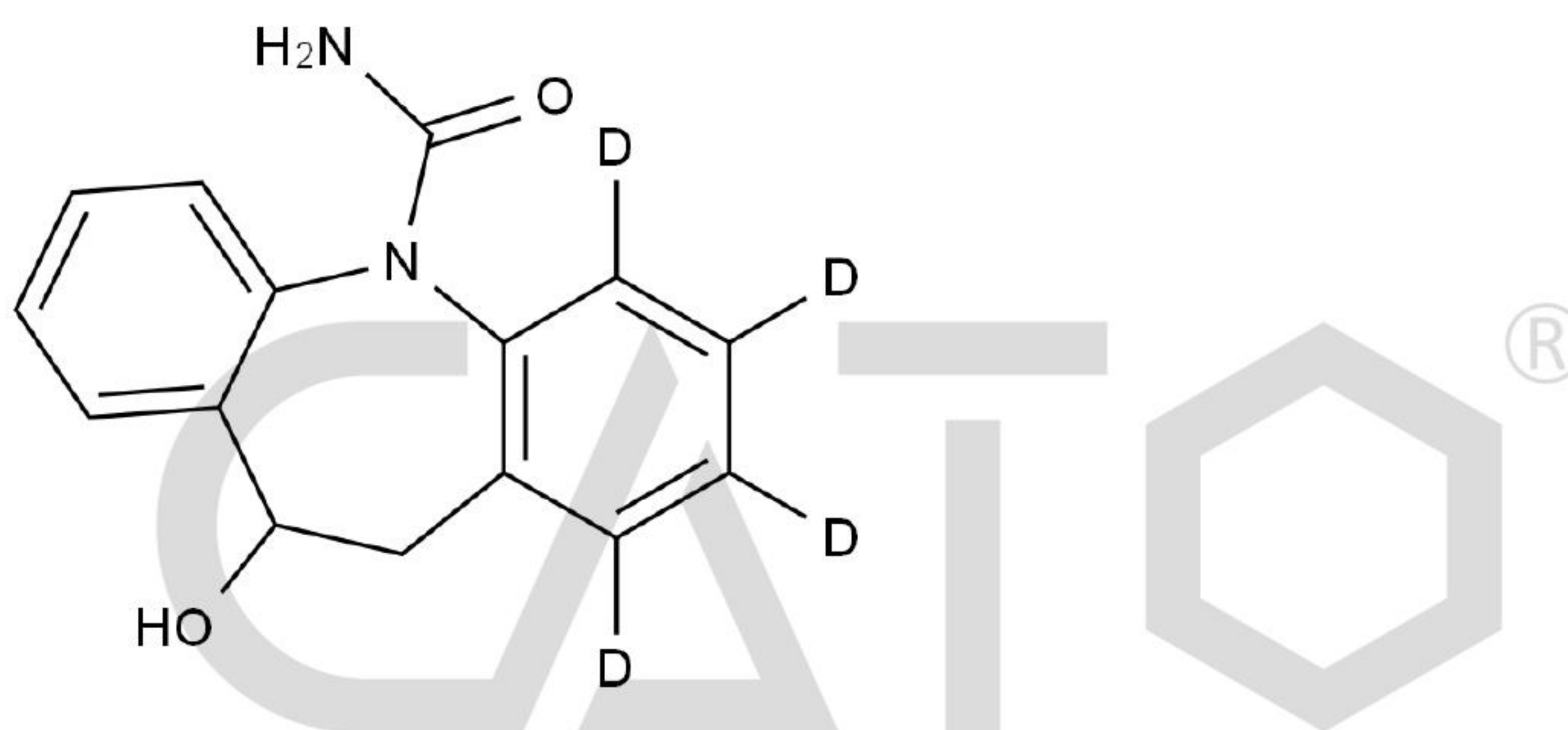


Certificate of Analysis

Reference Material & Standard

Product Name:	10,11-Dihydro-10-hydroxy Carbamazepine-D4	Catalogue Number:	CCAD302202
Synonyms:	N/A	Lot Number:	0311-RH-0062
CAS Number:	1020719-39-4	Expiry Date:	Oct 07, 2028
Molecular Formula:	C ₁₅ H ₁₀ D ₄ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	258.31	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	100.0%
Isotopic Purity		98.4%
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: Mar 12, 2026

Date: Mar 12, 2026

Date: Mar 12, 2026

