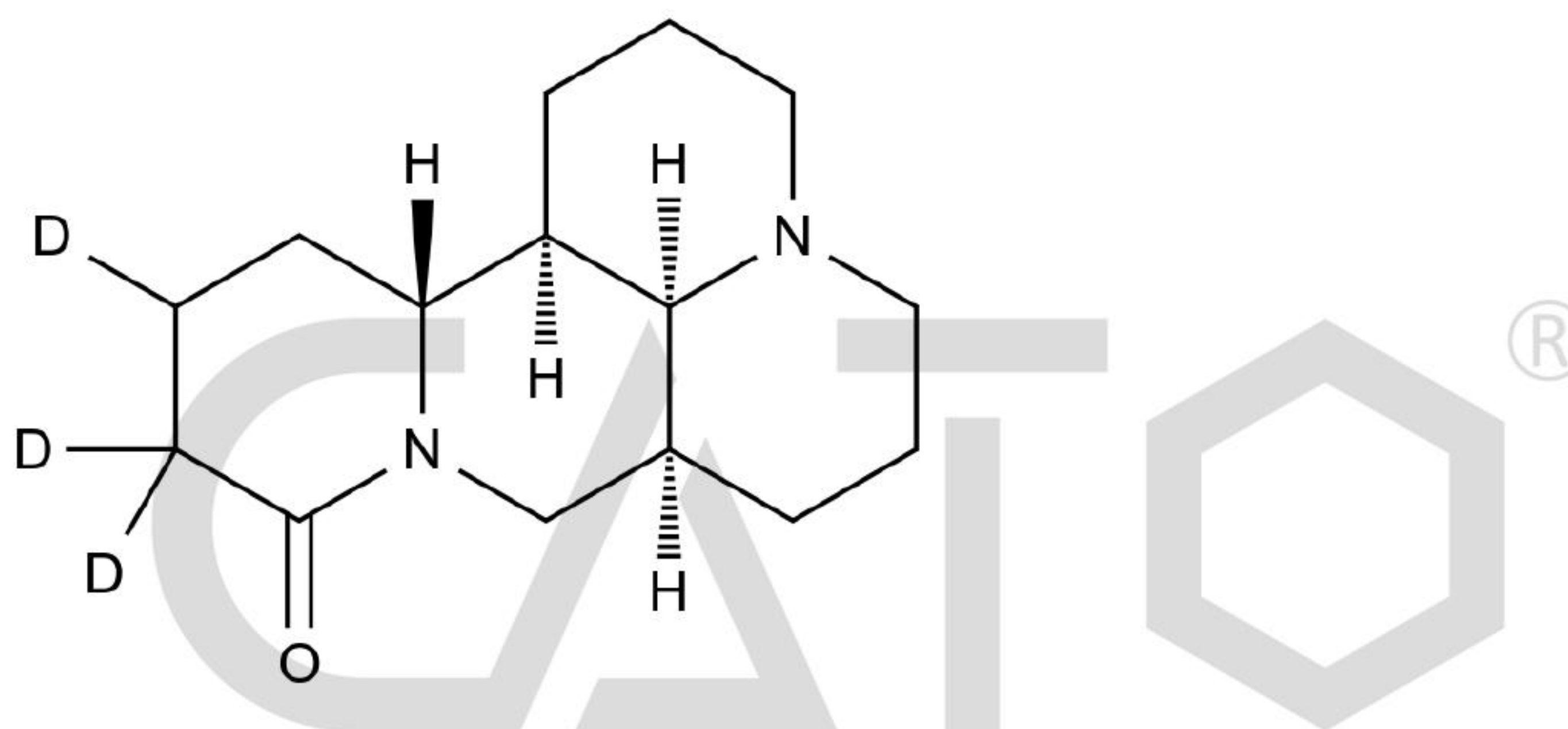


Certificate of Analysis

Reference Material & Standard

Product Name:	(+)-Matrine-D3 (Major)	Catalogue Number:	CCPE902292
Synonyms:	N/A	Lot Number:	0615-RH-0026
CAS Number:	N/A	Expiry Date:	Feb 02, 2030
Molecular Formula:	C ₁₅ H ₂₁ D ₃ N ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	251.38	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	ELSD	99.1%
Isotopic Purity		74.3%
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: Jun 16, 2026

Date: Jun 16, 2026

Date: Jun 16, 2026



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