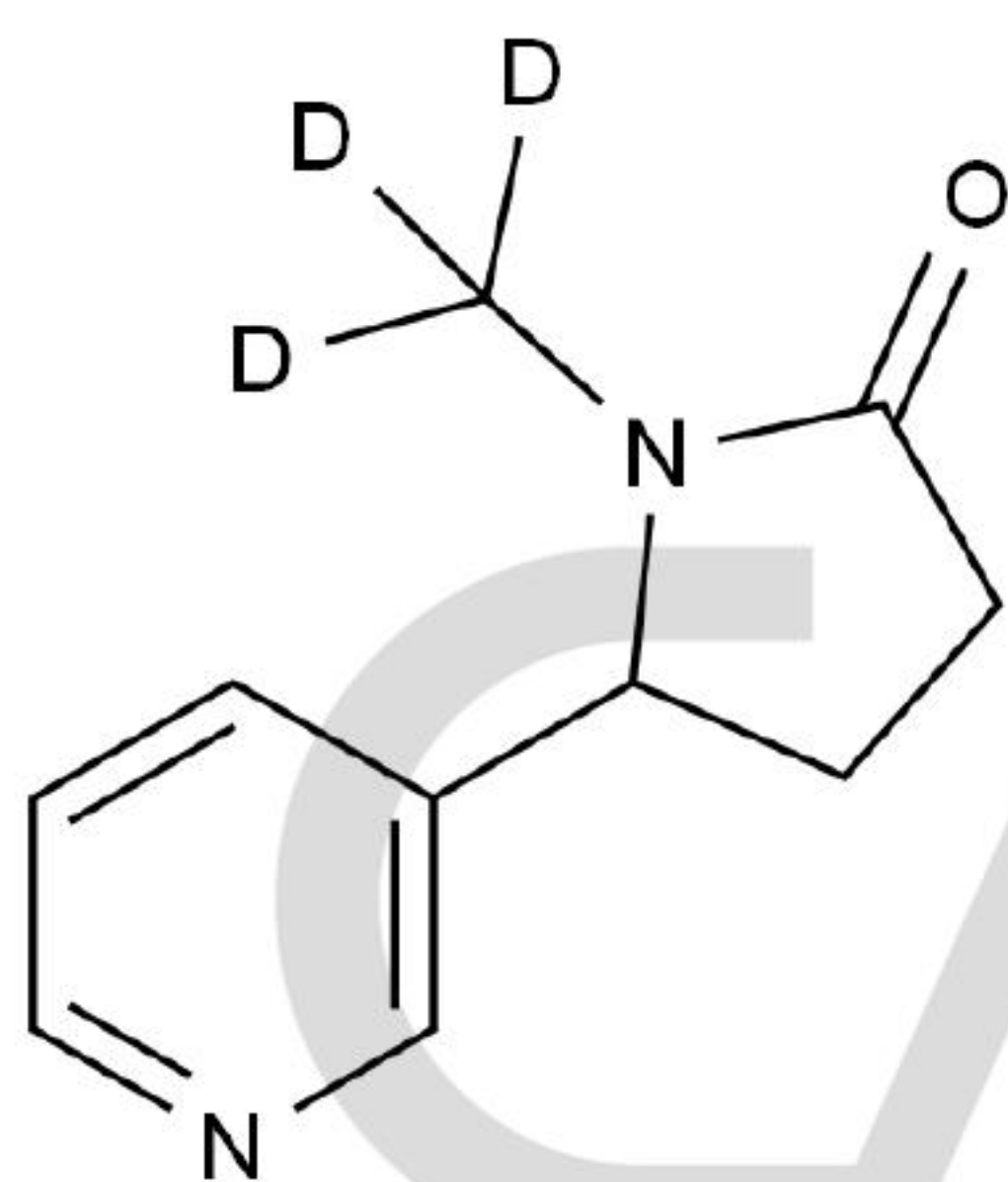


Certificate of Analysis

Reference Material & Standard

Product Name:	(+/-)-Cotinine-d3	Catalogue Number:	CCFD200855
Synonyms:	N/A	Lot Number:	0929-RG-0057
CAS Number:	110952-70-0	Expiry Date:	Aug 17, 2028
Molecular Formula:	C ₁₀ H ₉ D ₃ N ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	179.23		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Semi-solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	98.6%
Isotopic Purity		100.0%
Uncertainty		±0.3%

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: Oct 10, 2025

Date: Oct 10, 2025

Date: Oct 10, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

