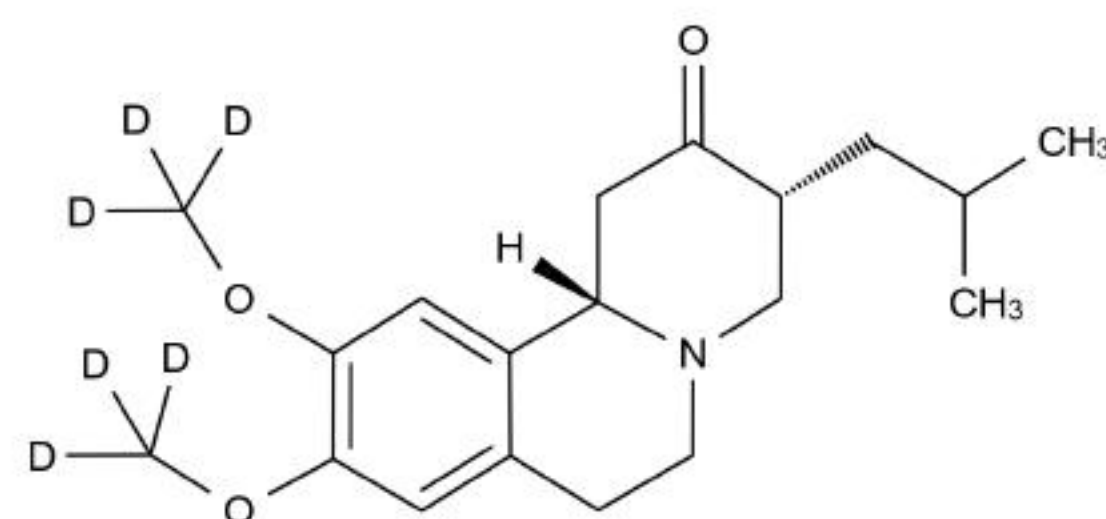


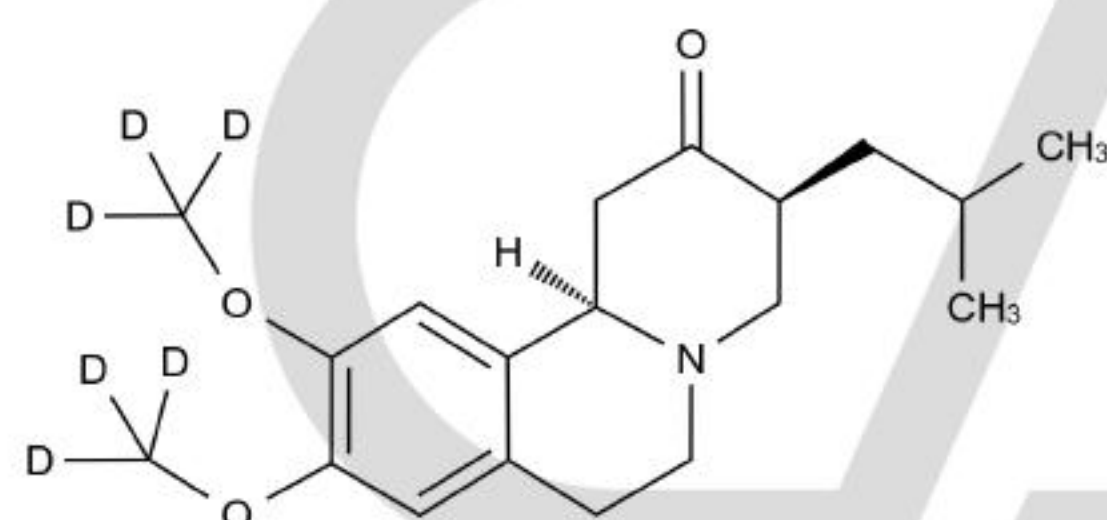
Certificate of Analysis

Reference Material & Standard

Product Name:	Tetrabenazine Impurity 47-D6	Catalogue Number:	C4X-274847
Synonyms:	N/A	Lot Number:	1212-RG-0022
CAS Number:	N/A	Expiry Date:	Dec 07, 2029
Molecular Formula:	2*C ₁₉ H ₂₁ D ₆ NO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	2*323.46	Shipping Condition:	Shipping with Ice Packs



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.8634%
Loss On Drying	TGA	0.686%
Assay		98.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Dec 12, 2025

Date: Dec 15, 2025

Date: Dec 15, 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>

