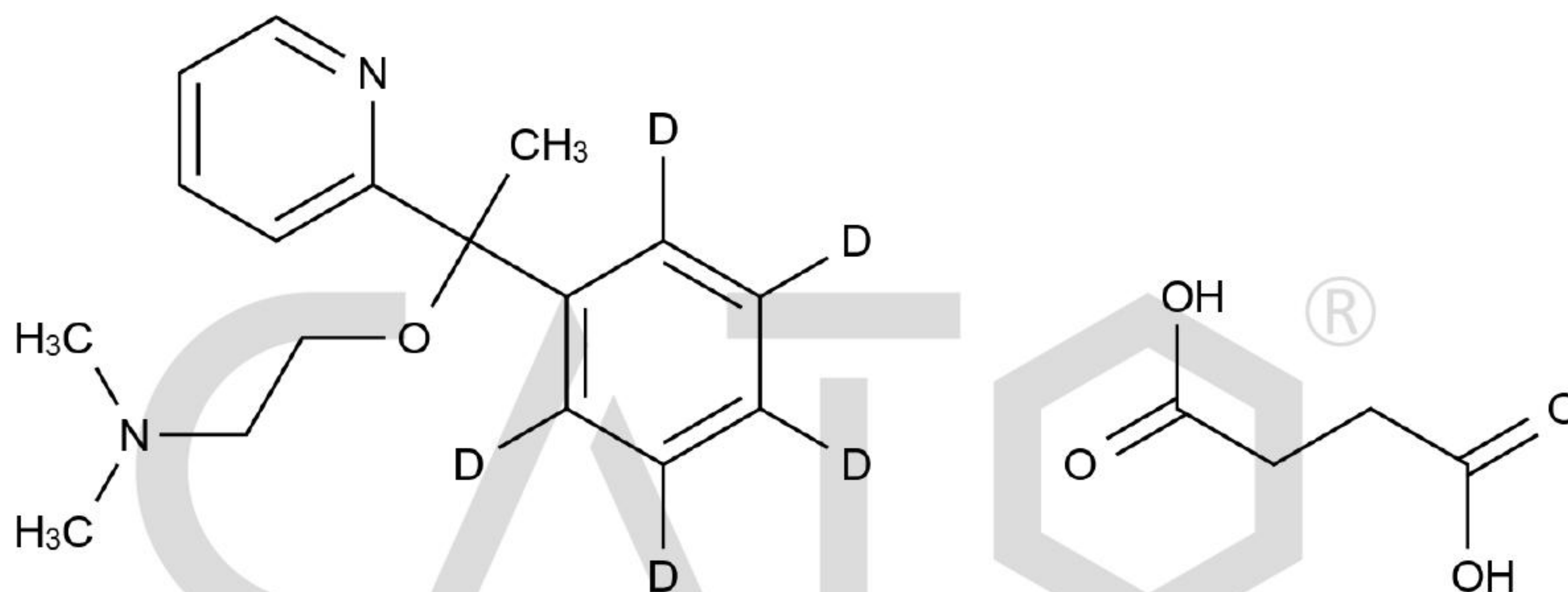


Certificate of Analysis

Reference Material & Standard

Product Name:	Doxylamine-d5 Succinate	Catalogue Number:	C1128784
Synonyms:	N/A	Lot Number:	0301-RF-0034
CAS Number:	1216840-94-6	Expiry Date:	May 25, 2025
Molecular Formula:	C ₁₇ H ₁₇ D ₅ N ₂ O C ₄ H ₆ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	275.40 118.09	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown to Dark Brown Sticky Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	100.00%
Isotopic Purity		100.0%
Water Content	Karl Fischer	1.50%
Assay		98.5%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hin Lam

Reviewed by:

Yuki-i

Approved by General Manager:

David

Date: Mar 05, 2024

Date: Mar 05, 2024

Date: Mar 05, 2024

