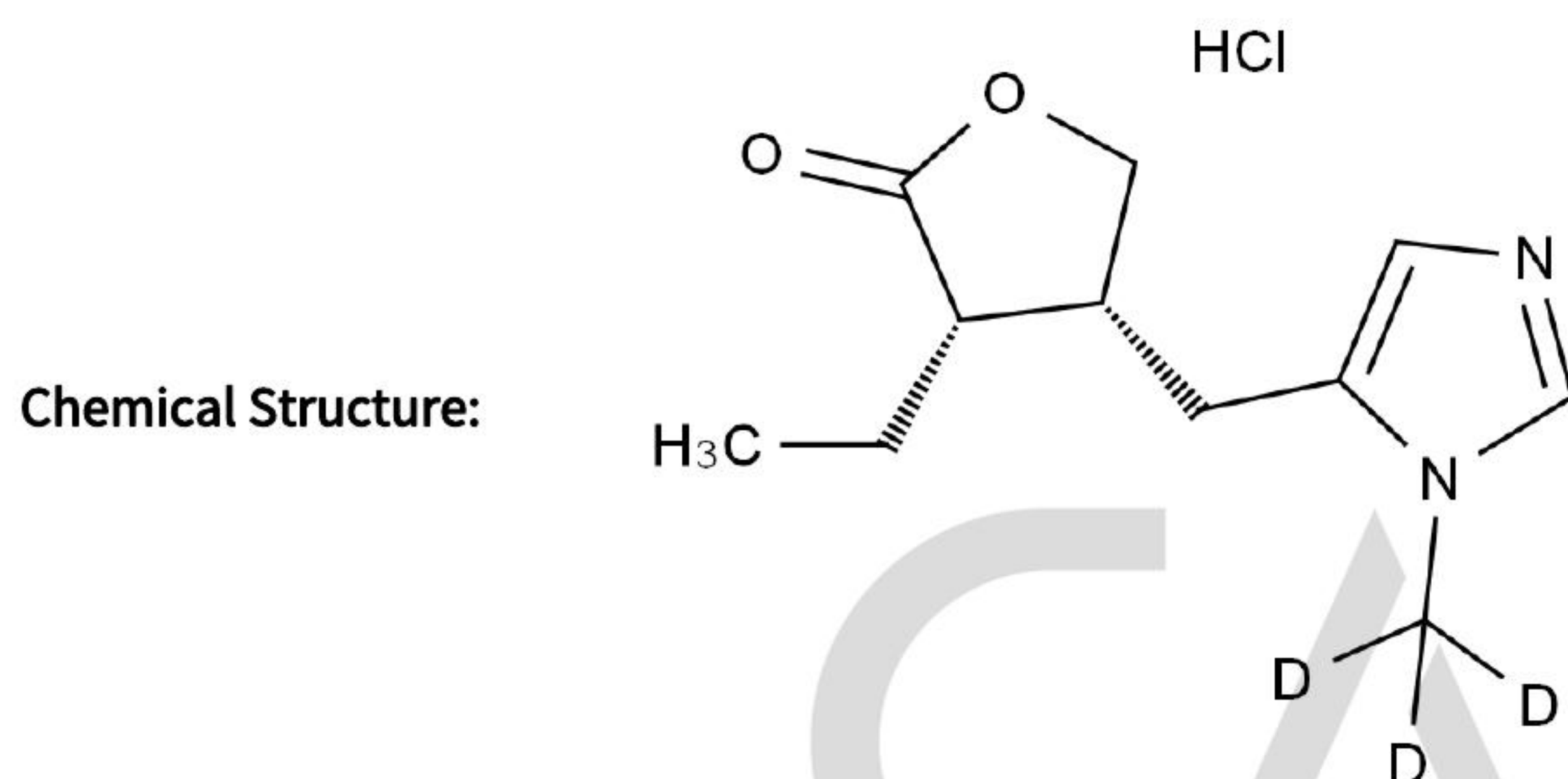


Certificate of Analysis

Reference Material & Standard

Product Name:	Pilocarpine-d3 HCl	Catalogue Number:	C4X-240114
Synonyms:	N/A	Lot Number:	0206-RF-0009
CAS Number:	54-71-7 (non-labelled)	Expiry Date:	Nov 20, 2026
Molecular Formula:	C ₁₁ H ₁₃ D ₃ N ₂ O ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	211.28 36.46		



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	99.1%
Isotopic Purity		99.7%
Optical Rotation		[α] _D ^{25.0} (c=0.28,H ₂ O): +84.9°
Assay	qNMR	98.7%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Feb 06, 2024

Date: Feb 07, 2024

Date: Feb 07, 2024

