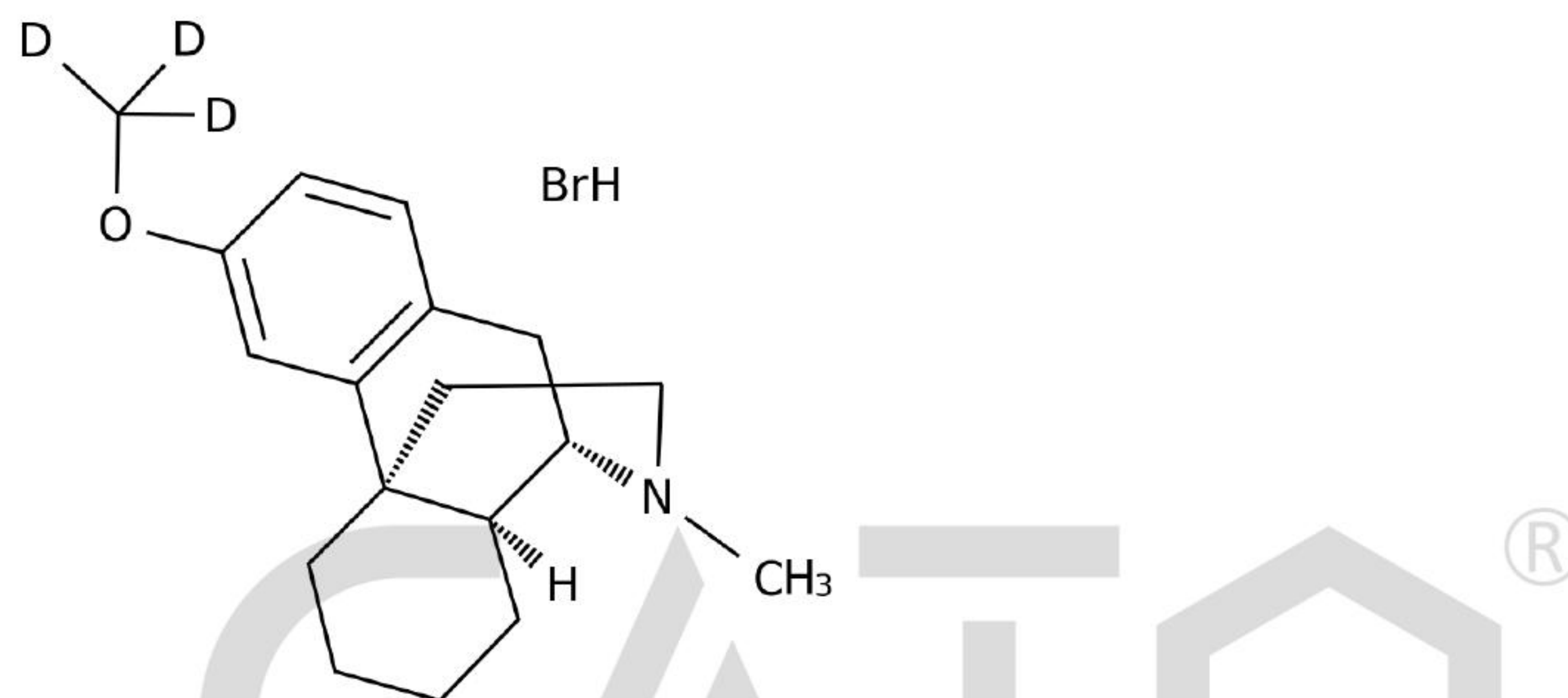


Certificate of Analysis

Reference Material

Product Name:	Dextromethorphan-d3 HBr	Catalogue Number:	C4X-115726
Chemical Name:	N/A	Lot Number:	0517-RE-0018
CAS Number:	1279034-15-9	Expiry Date:	Aug 08, 2025
Molecular Formula:	C ₁₈ H ₂₂ D ₃ NO HBr	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	274.42 80.91		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	99.8%
Isotopic Purity		99.9%
Residual Solvents	NMR	0.1% acetic acid
Optical Rotation		[α] _D ²⁰ .0(c=0.38,H ₂ O): +23.6°
Assay	qNMR	94.3%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nacy

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Aug 09, 2022

Date: May 19, 2023

Date: May 19, 2023

