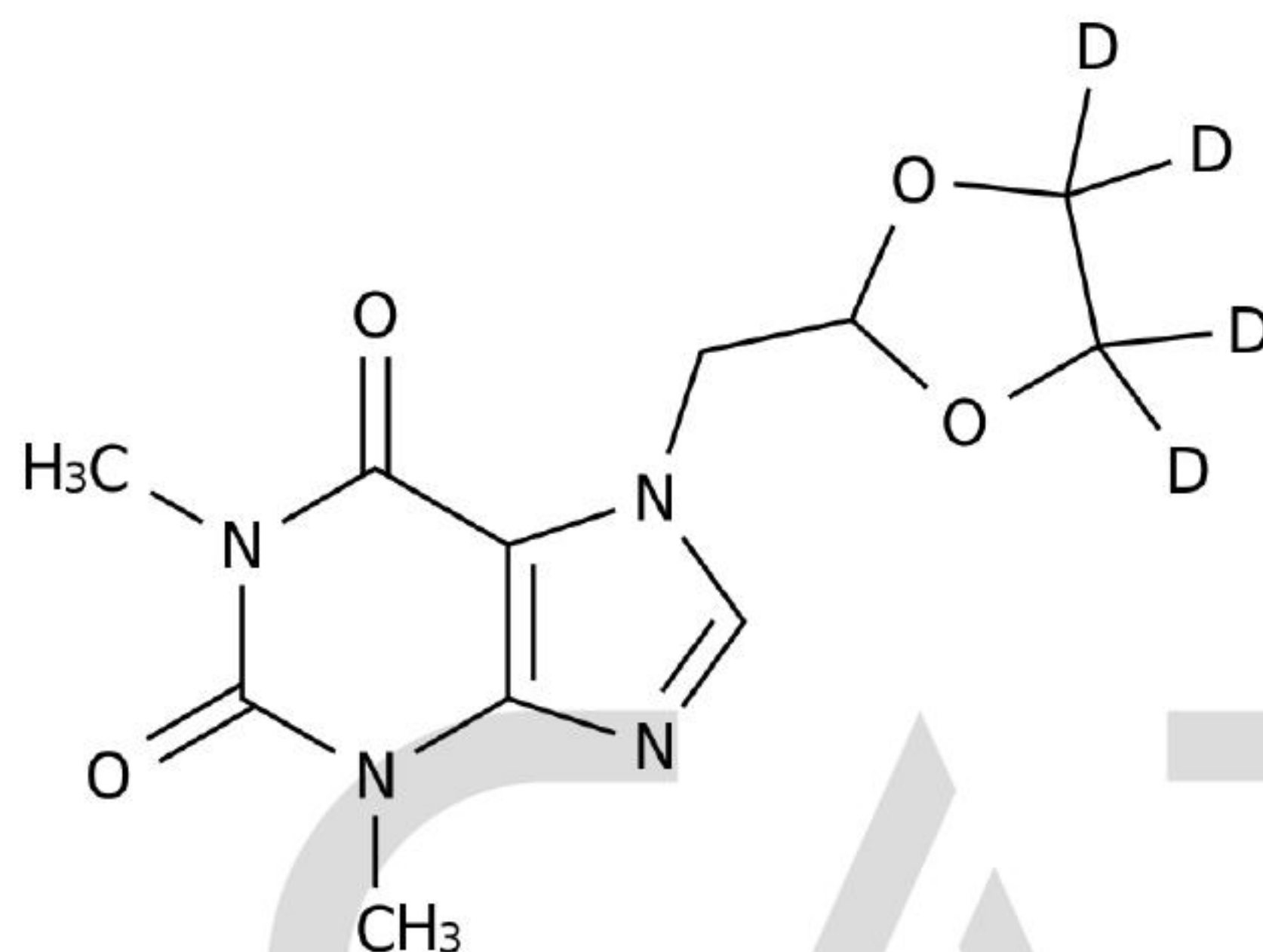


Certificate of Analysis

Reference Material

Product Name:	Doxofylline-d4	Catalogue Number:	C4X-151326
Chemical Name:	N/A	Lot Number:	0512-RE-0002
CAS Number:	1346599-13-0	Expiry Date:	Feb 06, 2026
Molecular Formula:	C ₁₁ H ₁₀ D ₄ N ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	270.28		

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		99.1%
Residual Solvents	NMR	Not detected in NMR
Assay	qNMR	98.9%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nacy

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Feb 07, 2023

Date: May 22, 2023

Date: May 22, 2023

