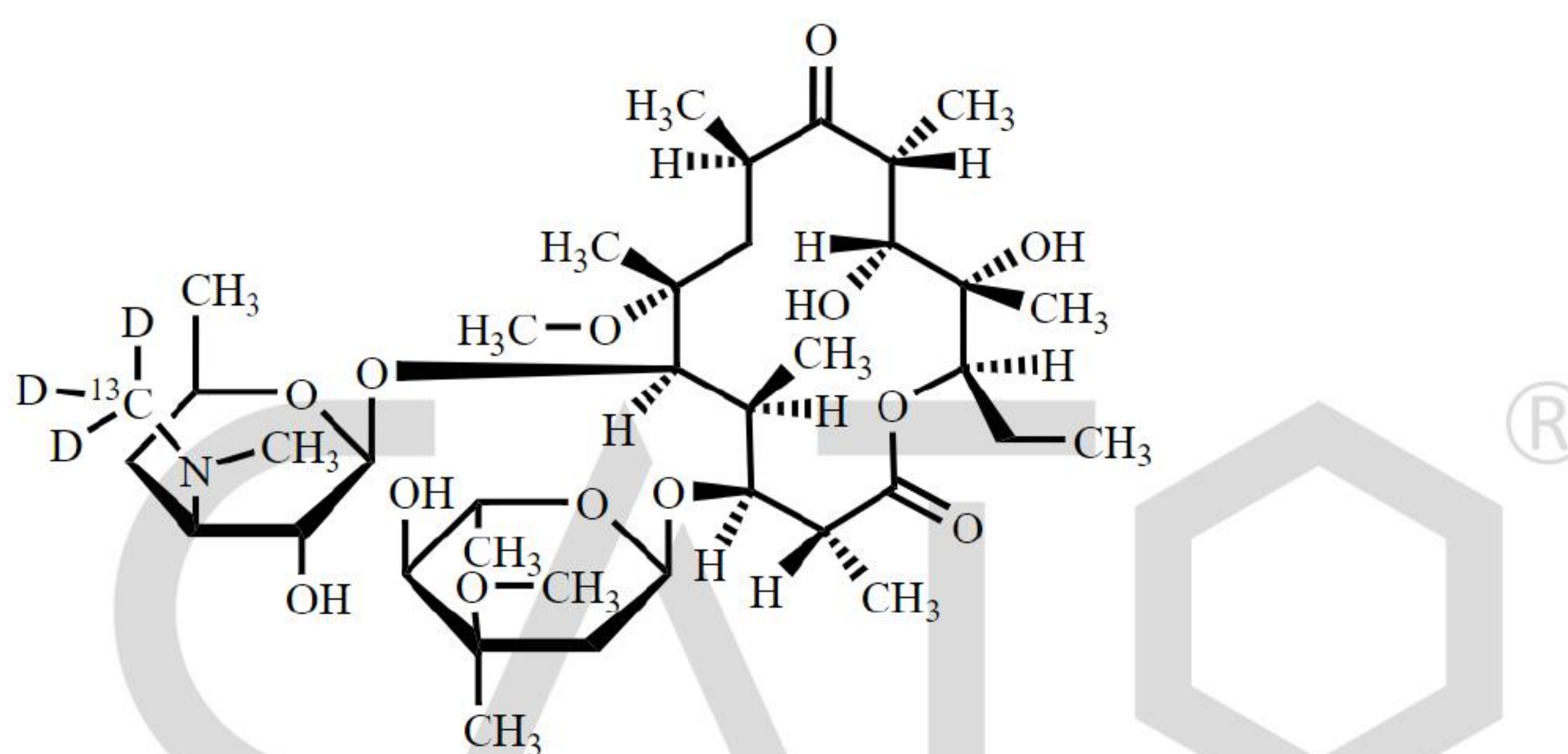


Certificate of Analysis

Reference Material & Standard

Product Name:	Clarithromycin-13C-d3	Catalogue Number:	C4X-100227
Synonyms:	N/A	Lot Number:	1215-RE-0006
CAS Number:	81103-11-9(unlabelled)	Expiry Date:	Dec 01, 2025
Molecular Formula:	C ₃₇ [13C]H ₆₆ D ₃ NO ₁₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	751.97		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	ELSD	99.9%
Isotopic Purity		99.0
Specific Rotation		[α] _D ^{25.0} (c=0.31, CHCl ₃): -89.4°
Assay	qNMR	97.5%

Comment:

Assay was determined by quantitative 1H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Dec 18, 2023

Date: Dec 19, 2023

Date: Dec 19, 2023



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