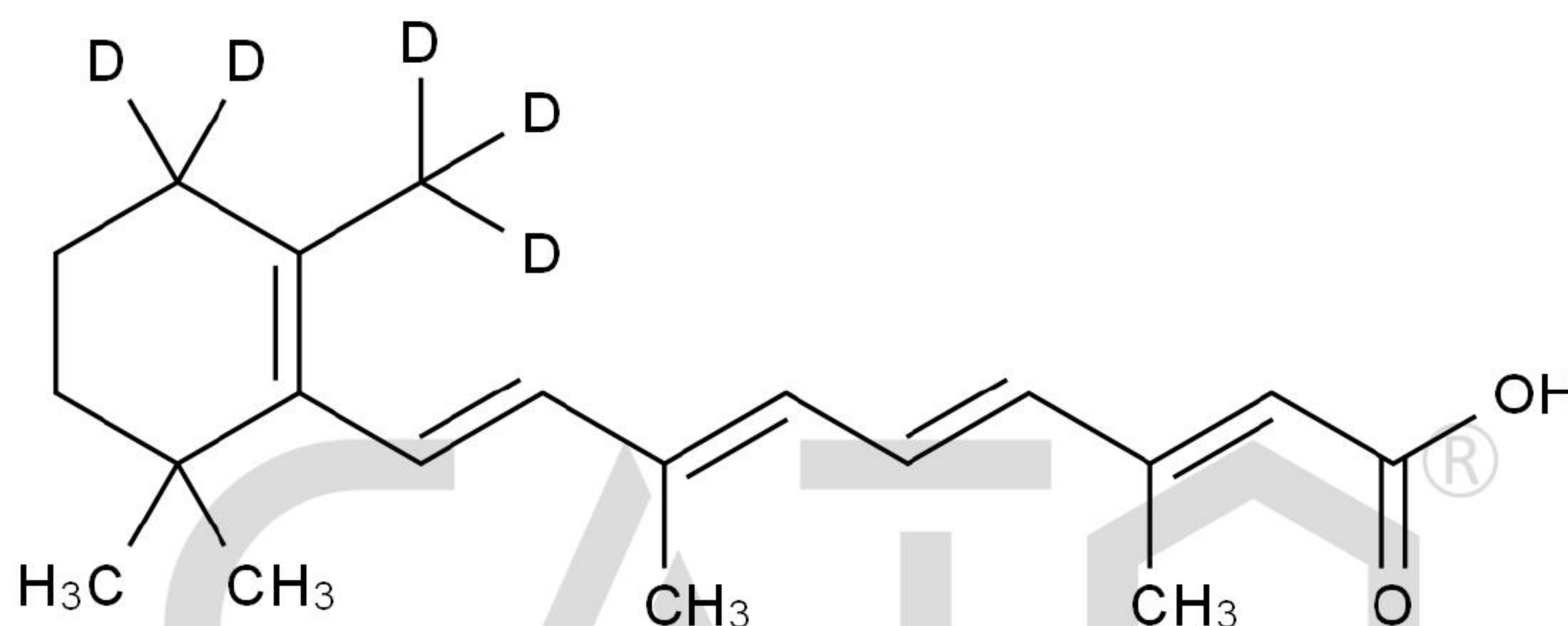


Certificate of Analysis

Reference Material

Product Name:	all-trans-Retinoic Acid-d5 (major)	Catalogue Number:	C4X-196919
Chemical Name:	N/A	Lot Number:	1115-RD-0005
CAS Number:	78996-15-3	Expiry Date:	Apr 21, 2025
Molecular Formula:	C ₂₀ H ₂₃ D ₅ O ₂	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	305.47		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.2%
Isotopic Purity		83.3%

Signature:

Prepared by:

Nacy

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Apr 22, 2021

Date: Nov 21, 2022

Date: Nov 21, 2022

