

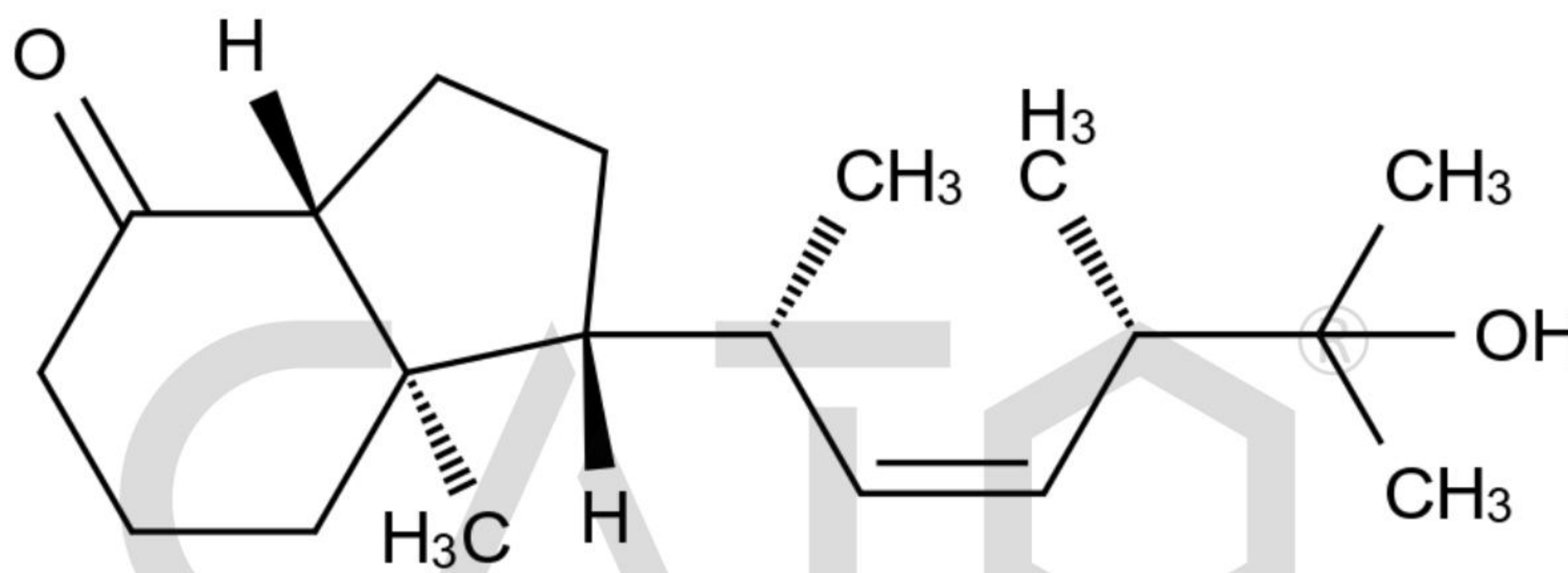
Certificate of Analysis

Reference Material & Standard

Product Name:	Paricalcitol Impurity 42	Catalogue Number:	C4X-138742
Synonyms:	N/A	Lot Number:	0109-RF-0039
CAS Number:	1186587-53-0	Expiry Date:	Jul 28, 2025
Molecular Formula:	C ₁₉ H ₃₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	292.46	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Oil
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	85.493%
Water Content	Karl Fischer	0.33%
Assay		85.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity ELSD (%) / 100%

Water Content is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Aproved by General Manager:

David

Date: Jan 11, 2024

Date: Jan 12, 2024

Date: Jan 12, 2024

