

Certificate of Analysis

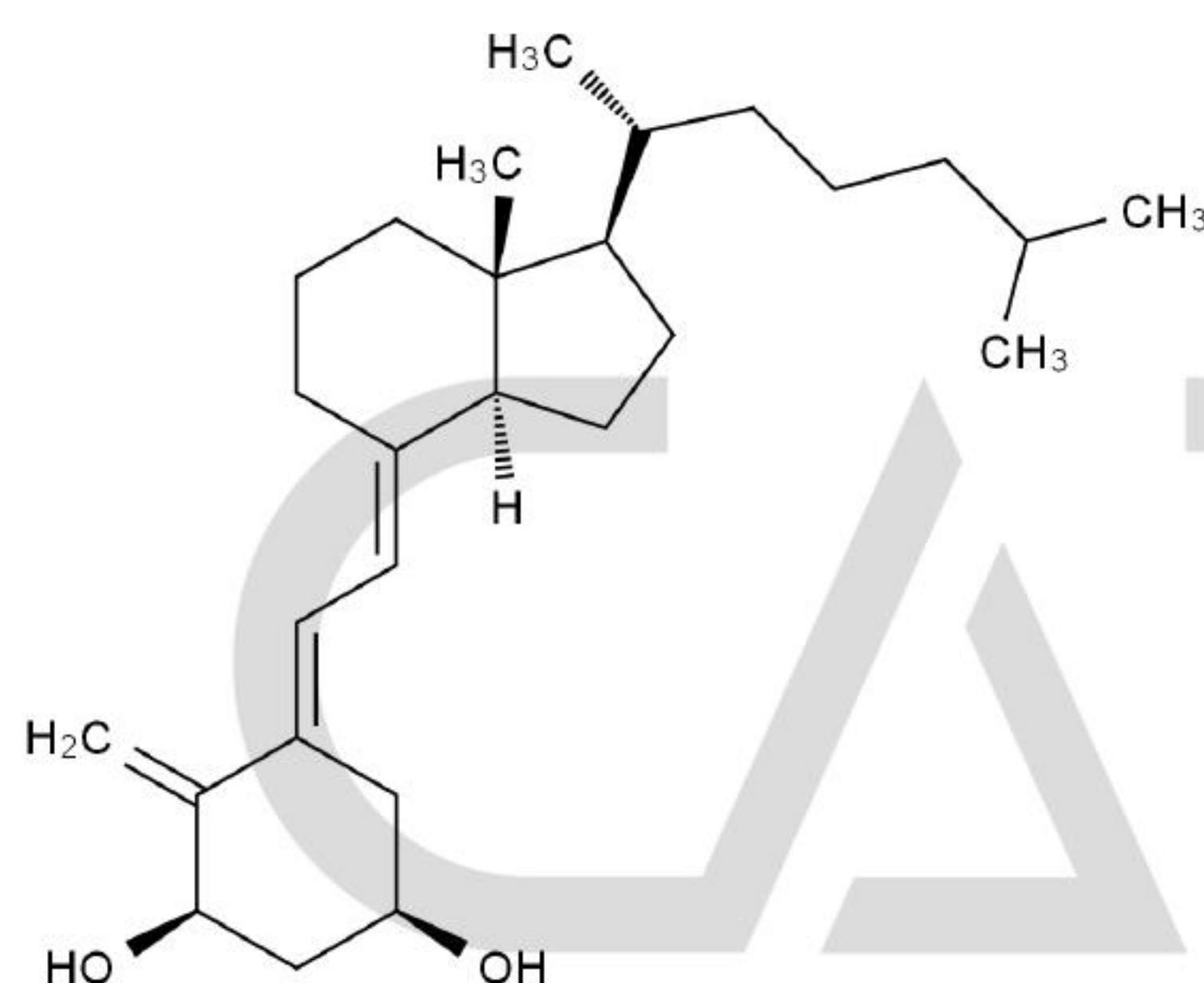
Reference Material & Standard

Product Name:	Calcitriol Impurity 10	Catalogue Number:	C4X-151010
Synonyms:	N/A	Lot Number:	1209-RG-0015
CAS Number:	65445-15-0	Expiry Date:	Dec 01, 2026
Molecular Formula:	C ₂₇ H ₄₄ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	400.64	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	HRMS&CNMR&HNMR	Confirmed
Purity	HPLC	80.6306%
Loss On Drying	TGA	3.5161%
Assay		77.8%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Date: Dec 15, 2025

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