

Certificate of Analysis

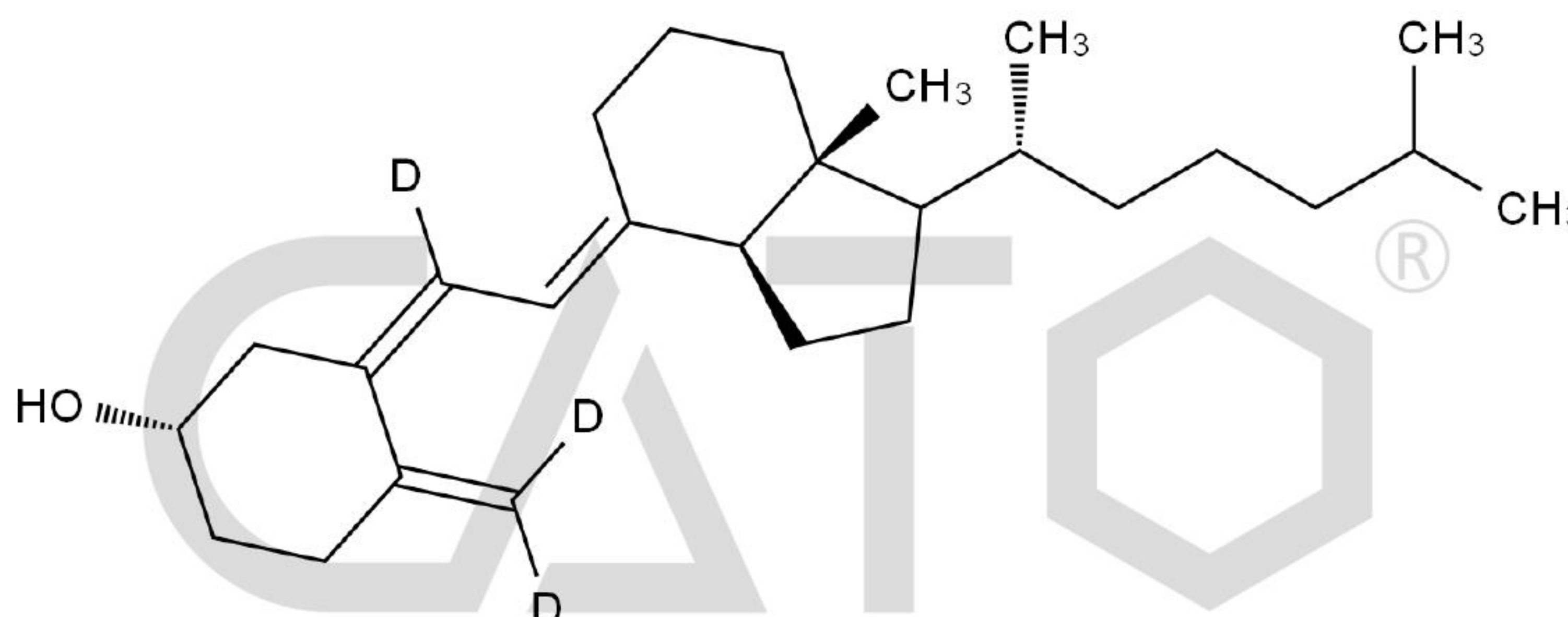
Reference Material & Standard

Product Name:	Vitamin D3-[d3]	Catalogue Number:	CCFD201922
Synonyms:	N/A	Lot Number:	0327-RH-0034
CAS Number:	80666-48-4	Expiry Date:	Dec 31, 2026
Molecular Formula:	C ₂₇ H ₄₁ D ₃ O	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	387.66	Shipping Condition:	Shipping with Dry Ice

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	100.0%
Isotopic Purity		97.89%(D3: 93.68%, D2: 6.32%)
Uncertainty		±0.1%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Mar 30, 2026

Date: Mar 30, 2026

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