# Certificate of Analysis



## Vitamin D2

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|---|---|
| **Cat. No.:** | HY-76542 |
| **CAS No.:** | 50-14-6 |
| **Batch No.:** | 32091 |
| **Chemical Name:** | Cyclohexanol, 4-methylene-3-[(2E)-2-[(1R,3aS,7aR)-octahydro-7a-methyl-1-[(1R,2E,4R)-1,4,5-trimethyl-2-hexen-1-yl]-4H-inden-4-ylidene]ethylidene]-, (1S,3Z)- |

### PHYSICAL AND CHEMICAL PROPERTIES

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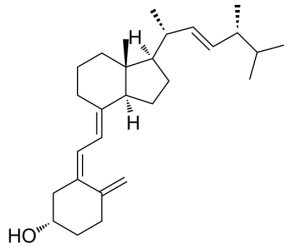
|---|---|
| **Molecular Formula:** | $C_{28}H_{44}O$ |
| **Molecular Weight:** | **396.65** |
| **Storage:** | -20°C, protect from light, stored under nitrogen<br>* The compound is unstable in solutions, freshly prepared is recommended. |

**Chemical Structure:**




### ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | White to off-white (Solid) |
| **$^1$H NMR Spectrum:** | Consistent with structure |
| **Purity (NMR):** | **≥98.0%** |
| **Conclusion:** | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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