Certificate of Analysis

1alpha-Hydroxy VD4

Cat. No.: HY-13249

CAS No.: 143032-85-3

Batch No.: 31973

Chemical Name: 9,10-Secoergosta-5,7,10(19)-triene-1,3-diol, (1α,3β,5Ζ,7Ε)- (9CI)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{28}H_{46}O_2$ Molecular Weight: 414.66

Storage: -20°C, protect from light, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 98.41%

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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