Certificate of Analysis

5-Cholesten-24(RS)-methyl-3 β -ol-d₃

Cat. No.: HY-146627S **Batch No.:** 343632

Chemical Name: 5-Cholesten-24(RS)-methyl-3β-ol-d3

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{28}H_{45}D_3O$ Molecular Weight: 403.70

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.21%
Isotopic Enrichment: 98.95%

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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