Certificate of Analysis

Cholesterol-d₇

Cat. No.: HY-N0322S CAS No.: 83199-47-7 Batch No.: 155936

Chemical Name: Cholest-5-en-25,26,26,26,27,27,27-d7-3-ol, (3β) -

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{27}H_{39}D_7O$ 393.70 Molecular Weight:

3 years Storage: Powder -20°C

> In solvent -80°C 6 months

> > -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0% **Isotopic Enrichment:** 98.06%

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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