## **Certificate of Analysis**

## Cholesterol-d<sub>7</sub>

Cat. No.: HY-N0322S CAS No.: 83199-47-7 Batch No.: 410075

**Chemical Name:** Cholest-5-en-25,26,26,26,27,27,27-d7-3-ol,  $(3\beta)$ -

## PHYSICAL AND CHEMICAL PROPERTIES

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

Storage: Powder -20°C 3 years

> In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## ANALYTICAL DATA

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

Purity (HPLC): 98.29% **Isotopic Enrichment:** 99.74%

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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