Certificate of Analysis

Cholesterol-13C₂

 Cat. No.:
 HY-N0322S5

 CAS No.:
 78887-48-6

 Batch No.:
 258752

Chemical Name: Cholest-5-en-3-ol-3,4-13C2, (3β)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{25}^{13}C_2H_{46}O$ Molecular Weight: 388.64

Storage: Powder -20°C 3 years

4°C 2 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): 99.14%
Isotopic Enrichment: 99.33%

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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