Certificate of Analysis

Stearoylcarnitine

Cat. No.: HY-113202 CAS No.: 25597-09-5 Batch No.: 274109

Chemical Name: 1-Propanaminium, 3-carboxy-N, N, N-trimethyl-2-[(1-oxooctadecyl)oxy]-, inner salt, (2R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₅H₄₉NO₄ Molecular Weight: 427.66

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

ANALYTICAL DATA

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

Purity (HPLC): 99.80%

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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