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Proteins

Certificate of Analysis

Lauroyl-L-carnitine-d9 (chloride)

Cat. No.: HY-130321S1 CAS No.: 2245711-25-3 Batch No.: 239322

Chemical Name: 1-Propanaminium, 3-carboxy-N,N,N-tri(methyl-d3)-2-[(1-oxododecyl)oxy]-, chloride (1:1), (2R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{29}D_9CINO_4$

Molecular Weight: 389.02

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

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

Purity (NMR): ≥98.0% **Isotopic Enrichment:** 99.83%

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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA