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Certificate of Analysis

Lauroyl-L-carnitine-d₃ (chloride)

 Cat. No.:
 HY-130321S

 CAS No.:
 2687960-76-3

 Batch No.:
 263345

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

, (2R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{35}D_3ClNO_4$

Molecular Weight: 382.98

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:

OH OH OH OH

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity: ≥99.0%
Isotopic Enrichment: 99.9%

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