
Product Data Sheet

Product Name: [(3R)-3-Hydroxydodecanoyl]-L-carnitine

Cat. No.: GC60429

Chemical Properties

Cas. No. 1469900-99-9

SMILES C[N+](C)(C)C[C@H](OC(C[C@H](O)CCCCCCCC)=O)CC([O-])=OFormula C₁₉H₃₇NO₅ M.Wt 359.5

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

[(3R)-3-Hydroxydodecanoyl]-L-carnitine is an endogenous metabolite[1].

[1]. Hunter WG, et al. Metabolomic Profiling Identifies Novel Circulating Biomarkers of Mitochondrial Dysfunction Differentially Elevated in Heart Failure With Preserved Versus Reduced Ejection Fraction: Evidence for Shared Metabolic Impairments in Clinical Heart Failure. J Am Heart Assoc. 2016;5(8):e003190. Published 2016 Jul 29.

Caution: Product has not been fully validated for medical applications. For research use only.

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