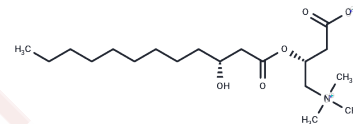


[(3R)-3-Hydroxydodecanoyl]-L-carnitine

Chemical Properties

CAS No. : 1469900-99-9
 Formula: C19H37NO5
 Molecular Weight: 359.50
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	[(3R)-3-Hydroxydodecanoyl]-L-carnitine is an endogenous metabolite[1].
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7816 mL	13.9082 mL	27.8164 mL
5 mM	0.5563 mL	2.7816 mL	5.5633 mL
10 mM	0.2782 mL	1.3908 mL	2.7816 mL
50 mM	0.0556 mL	0.2782 mL	0.5563 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

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