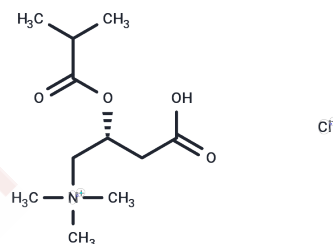


Isobutyryl-L-carnitine chloride

Chemical Properties

CAS No. : 6920-31-6
 Formula: C₁₁H₂₂ClNO₄
 Molecular Weight: 267.75
 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	Isobutyryl-L-carnitine chloride is a potential clinical OCT1 biomarker for DDI evaluation and can be used to study heart failure.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7348 mL	18.6741 mL	37.3483 mL
5 mM	0.747 mL	3.7348 mL	7.4697 mL
10 mM	0.3735 mL	1.8674 mL	3.7348 mL
50 mM	0.0747 mL	0.3735 mL	0.747 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

Cao C, et al. Metabonomic analysis of toxic action of long-term low-level exposure to acrylamide in rat serum. Hum Exp Toxicol. 2018 Dec;37(12):1282-1292.

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