

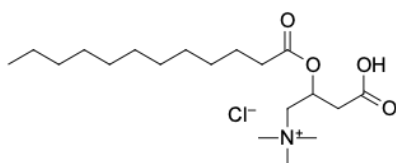
## (C12) Dodecanoylcarnitine

<http://www.lumiprobe.com/p/dodecanoylcarnitine-6919-91-1>

(C12) Dodecanoylcarnitine chloride, also known as lauroyl-L-carnitine chloride, is a synthetic compound of the amino acid carnitine and dodecanoic (laurylic) acid.

Dodecanoylcarnitine is a long-chain acylcarnitine and can be used as a diagnostic indicator for various oxidation defects. Dodecanoylcarnitine of high chemical purity is used as a control for chromatographic methods with mass spectrometry.

The product is used primarily as a control for MS/MS.



**Structure of (C12) Dodecanoylcarnitine**

### General properties

Appearance: white solid

Molecular weight: 379.97

CAS number: 6919-91-1

Molecular formula:  $C_{19}H_{38}ClNO_4$

Solubility: DMF, DMSO, ethanol

Quality control: NMR  $^1H$  and HPLC-MS (95+%)

Storage conditions: 24 months after receipt at  $-20^{\circ}C$  in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.