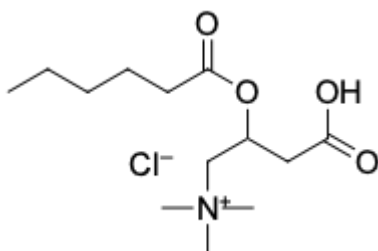


## (C6) Hexanoylcarnitine

<http://www.lumiprobe.com/p/hexanoylcarnitine>

(C6) Hexanoylcarnitine plays an important role in energy homeostasis and is involved in the transport of fatty acids. Hexanoylcarnitine chloride is also a nonspecific acetylcholine receptor agonist. Animal experiments have demonstrated the potential of hexanoylcarnitine as a specific and readily detectable biomarker of skeletal muscle toxicity. Hexanoylcarnitine plays a role in plant defense mechanisms. Hexanoylcarnitine can be used as a precursor in the synthesis of complex compounds, and also as a standard for qualitative determination in various techniques.

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



**Structure of (C6) Hexanoylcarnitine**

### General properties

Appearance: white solid

Molecular weight: 295.81

CAS number: 6418-78-6 (inner salt); 162067-53-0 (chloride)

Molecular formula:  $C_{13}H_{26}ClNO_4$

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

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

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