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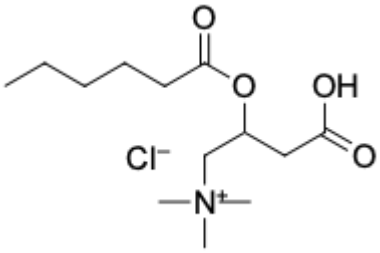
(C6) Hexanoylcarnitine

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 receival at -20°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.