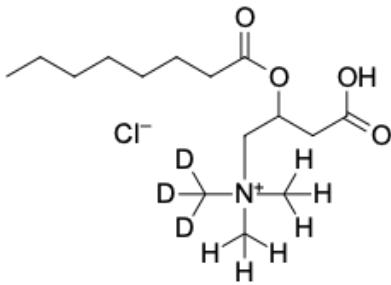


## (C8) Octanoyl-L-carnitine-d3

<http://cn.lumiprobe.com/p/octanoyl-l-carnitine-d3>

The physiologically active form of the medium-chain acylcarnitine octanoyl-L-carnitine is a marker of medium-chain acetyl-CoA dehydrogenase deficiency, and is also a marker in the ratios of  $\beta$ -ketothiolase deficiency, holocarboxylase synthesis, biotinidase, and glutaric acidemia. typical and other metabolic disorders.

In the body, octanoyl-L-carnitine may enhance fatty acid oxidation, increase energy expenditure, improve insulin sensitivity, and have neuroprotective effects. Octanoyl-L-carnitine-d3 is a high-purity deuterated compound suitable for pharmaceutical and biochemical research.



外观: 白色固体

分子量: 326.88

分子式:

CAS 1334532-24-9

编号:

分子式:  $C_{15}H_{27}D_3ClNO_4$

溶解度:

DMF、DMSO、乙醇

质量:

NMR  $^1H$  和 HPLC-MS (95+ %, D: 98+ %)

控制:

储存:

条件:

说明:

本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。