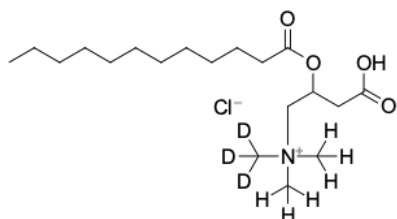


(C12) Dodecanoyl-L-carnitine-d3

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

Lauroyl-L-carnitine-d3 (chloride) is a deuterium labeled Lauroyl-L-carnitine and used as an internal standard utilized in the measurement of lauroyl-L-carnitine through GC- or LC-MS methods. Lauroyl-L-carnitine, classified as an acylcarnitine, acts as a quaternary ammonium-based cationic surfactant.

Lauroyl-L-carnitine, classified as acylcarnitine, acts as a quaternary ammonium-based cationic surfactant. It can be used as one of the markers for very long-chain (in ratio to tetradecanoylcarnitine) VLCADD or medium-chain (in ratio to octanoyl-L-carnitine) MCADD with acyl-CoA dehydrogenase deficiency. According to studies may be elevated in cardiovascular disease risk and type 2 diabetes.



外观: 白色固体

分子量: 382.98

CAS 2687960-76-3

编号:

分子式: $C_{19}H_{35}D_3ClNO_4$

溶解度:

DMSO, DMF, 乙醇

质量控制:

NMR 1H 和HPLC-MS (95+ %, d: 98+ %)

储存条件: 收到后 -20°C 避光保存 24 个月。 运输: 室温下最多可保存3周。 干燥。

法律声明: 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。