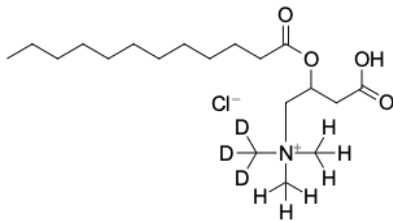


(C12) Dodecanoyl-L-carnitine-d3

<http://hk.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: 白色固體

分子量: 382.98

CAS 编号: 2687960-76-3

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: 收到後 -20°C 避光保存 24 個月。 運輸: 室溫最多可保存3週。 乾燥。

法律声明: 本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試, 且未經明示或暗示授權用於其他任何用途, 包括但不限於體外診斷、人類或動物用途, 以及商業用途。