

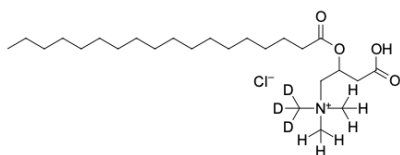
(C18) Octadecanoyl-L-carnitine-d3

<http://hk.lumiprobe.com/p/octadecanoyl-l-carnitine-d3>

(C18) Octadecanoyl-L-carnitine-d3 chloride is a deuterated derivative of stearyl-L-carnitine. The reagent is intended for use as an internal standard for the quantification of stearyl-L-carnitine by GC- or LC-MS.

In addition, (C18) Octadecanoyl-L-carnitine d3 chloride, is suitable for the determination of (C18:1) Oleoyl-L-carnitine, (C18:2) Linoleoyl-L-carnitine, (C18:1OH) 3-hydroxyoleoylcarnitine, (C18:2OH) 3-hydroxylinoleoylcarnitine.

These acylcarnitines are biomarkers in the diagnosis of metabolic disorders such as carnitine palmitoyltransferase deficiency type I, type II, carnitine-acylcarnitine translocase (CACT) deficiency, Long-chain 3-hydroxyacyl-CoA dehydrogenase (LCHAD) deficiency, glutaric acidemia type II.



外观: 白色固體

分子量: 467.14

CAS 编号: 2245711-27-5

分子式: $C_{25}H_{47}D_3ClNO_4$

溶解度: DMF, DMSO, 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。