

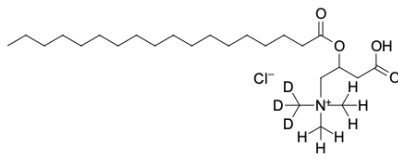
(C18) Octadecanoyl-L-carnitine-d3

<http://cn.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: 白色固体

分子

量: 467.14

重量:

CAS 2245711-27-5

编号:

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。