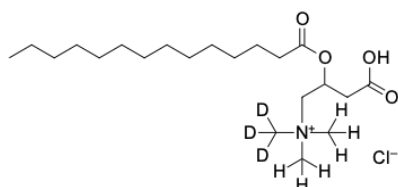


(C14) Tetradecanoyl-L-carnitine-d3

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

(C14) Tetradecanoyl-L-carnitine-d3 is deuterium labeled myristoyl-L-carnitine and intended for use as an internal standard for the quantification of myristoyl-L-carnitine tetradecenoyl-L-carnitine (C14:1), 3-hydroxytetradecanoylcarnitine (C14ON) by GC- or LC-MS.

In studies of fatty acid oxidation, Myristoyl-L-carnitine-d3 Hydrochloride helps elucidate the role of L-carnitine in the transport of fatty acids into mitochondria, which is critical for understanding energy production in cells.



外观

分子 411.03

子量

分子式 $C_{21}H_{39}D_3ClNO$

子式

质量 NMR 1H 和HPLC-MS (95+ %, d: 98+ %)

控制

储存 接收后24个月在黑暗中-20°C。运输: 在室温下最多3周。干燥。

条件

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。

声明