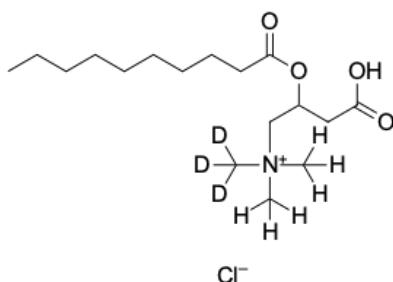


(C10) Decanoyl-L-carnitine-d3

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

Decanoylcarnitine is a saturated medium-chain acylcarnitine that is used as a marker for fatty acid oxidation disorders, medium-chain acyl-CoA dehydrogenase (MCAD) deficiency, especially in newborns, glutaric acidemia type II, and celiac disease. Decanoylcarnitine serves as an additional marker, either alone or in ratio, for the diagnosis of medium-chain acyl-CoA dehydrogenase deficiency.

Decanoyl-L-carnitine-d3 can be used as an internal standard for the quantification of decanoylcarnitine, decenoylcarnitine, decadienoylcarnitine using GC- or LC-MS methods.



外观: 白色固體

分子量: 354.93

CAS 编号: 2483831-87-2

分子式: $C_{17}H_{31}D_3ClNO_4$

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。