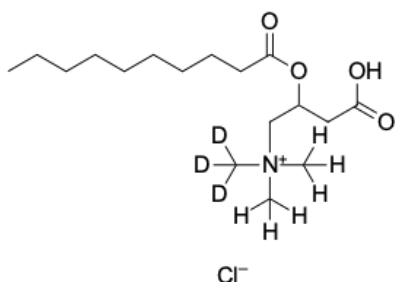


## (C10) Decanoyl-L-carnitine-d3

<http://cn.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: 白色固体

分子量: 354.93

CAS 2483831-87-2

编号:

分子式:  $\text{C}_{17}\text{H}_{31}\text{D}_3\text{ClNO}_4$

溶解度:

DMF, DMSO, 乙醇

质量控制: NMR  $^1\text{H}$ 和HPLC-MS (95+&nbsp;%, d: 98+&nbsp;%)

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。

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