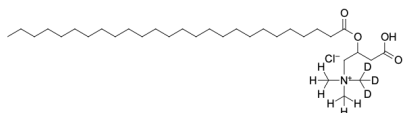


(C26) Carnitine-d3

<http://www.lumiprobe.com/p/c26-carnitine-d3>

(C26) Carnitine-d3 is a deuterium labeled (C26) Carnitine and intended for use as an internal standard in GC- or LC-MS.

(C26) D,L-Carnitine could be used as a diagnostic marker in dried blood spots from newborns and patients with X-linked adrenoleukodystrophy. (C26) D,L-Carnitine could also be a marker for Zellweger spectrum disorders (ZSD) which are a group of genetic metabolic disorders caused by a defect in peroxisome biogenesis.



Structure of (C26) Carnitine-d3

General properties

Appearance: white solid

Molecular weight: 579.37

Molecular formula: $C_{33}H_{63}D_3ClNO_4$

Quality control: NMR 1H and HPLC-MS (95+ %, D: 98+ %)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.