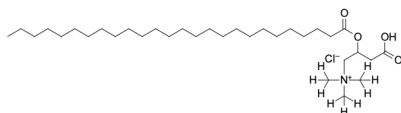


## (C26) D,L-Carnitine

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

Determination of the qualitative pattern of acylcarnitines can be of diagnostic and therapeutic importance. (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) D,L-Carnitine**

### General properties

Appearance: white solid

Molecular weight: 576.35

CAS number: 590386-14-4

Molecular formula:  $C_{33}H_{66}ClNO_4$

Quality control: NMR  $^1H$  and HPLC-MS (95+%)

Storage conditions: 24 months after receipt at  $-20^{\circ}C$  in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

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