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**Product Data Sheet**

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Product Name: trans-2-Hexadecenoyl-L-carnitine

Cat. No.: GC61343

**Chemical Properties**

Cas. No. 26145-55-1

SMILES CCCCCCCCCCCC/C=C/C(O[C@H](CC([O-])=O)C[N+](C)(C)C)=OFormula C<sub>23</sub>H<sub>43</sub>NO<sub>4</sub> M.Wt 397.59

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

trans-2-Hexadecenoyl-L-carnitine is an endogenous metabolite in urine[1].

[1]. Pengxiang She, et al. Leucine and protein metabolism in obese Zucker rats. PLoS One. 2013;8(3):e59443.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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