
Product Data Sheet

Product Name: D-Carnitine hydrochloride

Cat. No.: GC25337

Chemical Properties

Cas. No. 10017-44-4

Formula C₇H₁₆ClNO₃

M.Wt 197.66

Solubility H₂O : 125 mg/mL (632.40 mM; Need ultrasonic) 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**

D-Carnitine hydrochloride ((S)-Carnitine hydrochloride, (+)-Carnitine hydrochloride) is biosynthesized from lysine. It might be associated with the energy production from branched chain amino acids.

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

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