

Product Data Sheet

Product Name: L-Biotin
Cat. No.: GC74658

Chemical Properties

Cas. No. 21788-37-4

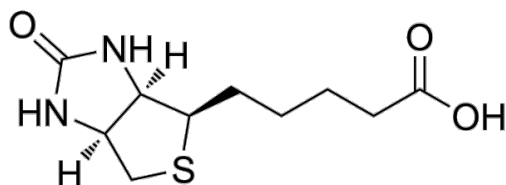
Formula $C_{10}H_{16}N_2O_3S$ M.Wt 244.31

Solubility DMSO : 125 mg/mL (511.65 mM; Need ultrasonic) Storage -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

L-Biotin, also known as biotin, is a water-soluble vitamin that is an essential cofactor in the

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

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carboxylation of several enzymes. L-Biotin is involved in fatty acid synthesis and amino acid metabolism.

References:

[1]. Said HM. Biotin: biochemical, physiological and clinical aspects. Subcell Biochem. 2012;56:1-19.

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