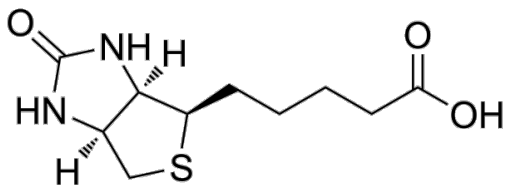
Product Data Sheet

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

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

References:

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