
Product Data Sheet

Product Name: L-Tyrosine Hydrazide

Cat. No.: GC67380

Chemical Properties

Cas. No. 7662-51-3

Formula $C_9H_{13}N_3O_2$

M.Wt 195.22

Solubility 1M HCl : 50 mg/mL (256.12 mM; ultrasonic and adjust pH to Store
1 with HCl); DMSO : 5 mg/mL (25.61 mM; ultrasonic and Storage at -
warming and heat to 60°C) 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-Tyrosine Hydrazide is a tyrosine derivative^[1].

Amino acids and amino acid derivatives have been commercially used as ergogenic supplements. They influence the secretion of anabolic hormones, supply of fuel during exercise, mental performance during stress related tasks and prevent exercise induced muscle damage. They are recognized to be beneficial as ergogenic dietary substances^[1].

[1]. Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1144.

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

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