
Product Data Sheet

Product Name: 3-Methylglutaric acid

Cat. No.: GC16812

Chemical Properties

Cas. No. 626-51-7

Chemical Name 3-methylpentanedioic acid

SMILES CC(CC(O)=O)CC(O)=OFormula $C_6H_{10}O_4$ M.Wt 146.14Solubility $\geq 14.6\text{mg/mL}$ in DMSO 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**

3-Methylglutaric acid is a leucine metabolite.

References:

[1]. Barich DH, et al. 3-Methylglutaric acid as a ^{13}C solid-state NMR standard. Solid State Nucl Magn Reson. 2006 Oct;30(3-4):125-9.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA