

Product Data Sheet

Product Name: 1,3-Propanediol

Cat. No.: GC61709

Chemical Properties

Cas. No. 504-63-2

SMILES OCCCO

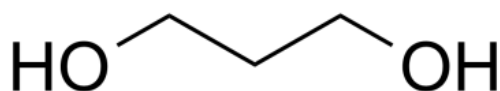
Formula $C_3H_8O_2$ M.Wt 76.09

Solubility DMSO : 100 mg/mL (1314.23 mM; Storage Store at -20°C
Need ultrasonic)

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



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

Product Data Sheet

Background

1,3-Propanediol is produced in nature by the fermentation of glycerol in microorganism[1].

[1]. F. Barbirato, et al. Glycerol fermentation by a new 1,3-propanediol-producing microorganism: *Enterobacter agglomerans*. *Applied Microbiology and Biotechnology* volume 43, pages 786-793 (1995).

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