
Product Data Sheet

Product Name: (R)-(-)-1,3-Butanediol

Cat. No.: GC38262

Chemical Properties

Cas. No. 6290-03-5

SMILES C[C@@H](O)CCOFormula $C_4H_{10}O_2$

M.Wt 90.12

Solubility DMSO : 100 mg/mL (1109.63 mM; Need ultrasonic) 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**

(R)-(-)-1,3-Butanediol is used to regulate the metabolism of carbohydrate and lipid.

[1]. Ari C, et al. Exogenous Ketones Lower Blood Glucose Level in Rested and Exercised Rodent Models. *Nutrients*. 2019 Oct 1;11(10).

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

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