
Product Data Sheet

Product Name: 3-Oxopentanedioic acid

Cat. No.: GC30353

Chemical Properties

Cas. No. 542-05-2

SMILES O=C(CC(O)=O)CC(O)=OFormula $C_5H_6O_5$

M.Wt 146.1

Solubility DMSO : 120 mg/mL (821.36 mM; Need ultrasonic); H_2O : < 0.1 mg/mL (insoluble)

Storage Store at -20°C, unstable in solution, ready to use.

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-Oxopentanedioic acid (1,3-Acetonedicarboxylic acid; 3-Oxoglutaric acid) is an intermediate for organic compound synthesis.

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

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