

## Product Data Sheet

Product Name: Ethyl pyruvate

Cat. No.: GC60823

### Chemical Properties

Cas. No. 617-35-6

SMILES CC(C(=O)OCC)=O

Formula  $C_5H_8O_3$

M.Wt 116.12

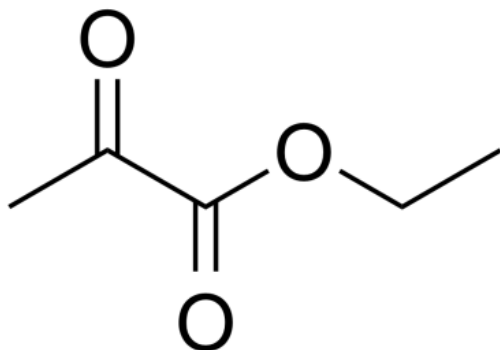
Solubility Water: 100 mg/mL (861.18 mM);  
DMSO: 100 mg/mL (861.18 mM)

Storage Store at -20°C, filled inert  
atmosphere

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

Ethyl pyruvate is a simple derivative of the endogenous metabolite, pyruvic acid. Ethyl pyruvate is an anti-inflammatory agent[1].

[1]. Fink MP. Ethyl pyruvate: a novel anti-inflammatory agent. J Intern Med. 2007 Apr;261(4):349-62.

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

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