

# ETHYL ACETOACETATE



CAS Number: 141-97-9

Other Names: Ethyl 3-oxobutanoate; Ethyl acetylacetate;  
Diacetic ether; Ethyl 3-oxobutyrate.

Formula:  $C_6H_{10}O_3$

## PRODUCT INTRODUCTION

The organic compound ethyl acetoacetate (EAA) is the ethyl ester of acetoacetic acid. It appears as a colorless liquid with a fruity odor. It is mainly used as a chemical intermediate in the production of a wide variety of compounds, such as amino acids, analgesics, antibiotics, antimalarial agent

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Liquid
Colour	Colourless
Identity (GC,RT)	Corresponds
Assay	99.7 %
AAMe	< 0.1 %
Acid (as Acetic acid, titr)	0.02 % w/w
Water (KF)	0.01 % w/w
Colour (APHA)	4

## APPLICATIONS

- Ethyl acetoacetate is mainly used as a chemical intermediate in the production of a wide variety of compounds, such as amino acids, analgesics, antibiotics, antimalarial agents, antipyrene, aminopyrine, and vitamin B1, as well as in the manufacture of dyes, inks, lacquers, perfumes, plastics, and yellow paint pigments .
- Ethyl acetoacetate is also used as a flavouring agent.

## PACKAGING OPTIONS

Drums

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