

DIMETHYL MALONATE



CAS Number: 108-59-8

Other Names: Dimethyl propanedioate; Methyl malonate;
Malonic Acid Dimethyl Ester; 1,3-dimethyl propanedioate

Formula: $C_5H_8O_4$

PRODUCT INTRODUCTION

Dimethyl malonate is a diester derivative of malonic acid. DMM is a naturally occurring substance and has been detected in a number of fruits as a volatile aroma compound for example in pineapples, bananas and blackberries. It appears as a clear colorless liquid.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless Transparent Liquid
Purity	99.79 %
Moisture	0.010 %
Acidity	0.012 %

APPLICATIONS

- Dimethyl malonate is used extensively in the fragrance industry as a raw material in the synthesis of jasmonates. For example, methyl dihydrojasmonate is synthesized from cyclopentanone, pentanal and dimethyl malonate.
 - It is also used for Organic synthesis and Herbicide production
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PACKAGING OPTIONS

Drums

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