

DIETHYL MALONATE



Cas Number: 105-53-3

Other Names: Diethyl propanedioate, Malonic ester, Propanedioic acid, diethyl ester, Dicarbethoxymethane, Malonic acid diethyl ester.

Formula: $C_7H_{12}O_4$

PRODUCT INTRODUCTION

Diethyl malonate (DEM) is the diethyl ester of malonic acid. Diethyl malonate is a clear, colorless liquid. It has a sweet odor like ripe fruit or cut grass. It occurs naturally in many berries and fruits. It is an important commercial chemical that is used to make other chemicals used in agriculture and drugs.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless Transparent Liquid
Purity	99.70%
Moisture	0.013%
Acidity	0.010%

APPLICATIONS

1. It is used as a flavoring agent in food and as a fragrance in consumer products, such as air fresheners.
2. It is also used to synthesize other compounds such as barbiturates, artificial flavourings, vitamin B1, and vitamin B6.

PACKAGING OPTIONS

Drums

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