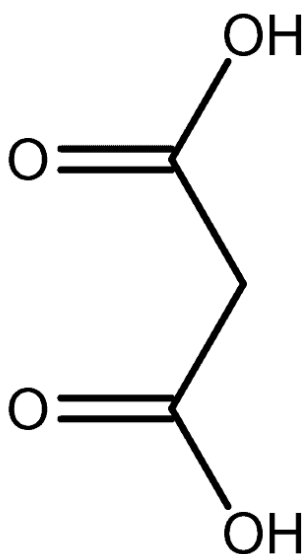




h1>Malonic acid 99% AR [141-82-2]



CAS number: **141-82-2**

Summary formula: **C<sub>3</sub>H<sub>4</sub>O<sub>4</sub>**

Molar mass: **104.06 g / mol**

Synonyms: **propanedioic acid**

Translation [ENG]: **malonic acid**

Application: **Malonic acid is mainly used as pharmaceutical intermediates. It can also be used as a perfumery, adhesives, resin additives, galvanic polish and so on. Used as a complexing agent for the preparation of barbiturate salt. Malonic acid is an intermediate of fungicides - isoprothiolane. It is also a mediator of etychlozate regulating plant growth.**

## VARIATIONS

Image	Price	Pack size
 <chem>OC(=O)CC(=O)O</chem>	£379,81 gross   £308,79 netto	10 kg



Image	Price	Pack size
	£854,81 gross   £694,97 netto	25 kg

## PRODUCT DESCRIPTION

### Malonic acid 99% AR [141-82-2]

Malonic acid is mainly used as pharmaceutical intermediates. It can also be used as a perfumery, adhesives, resin additives, galvanic polish and so on. Used as a complexing agent for the preparation of barbiturate salt. Malonic acid is an intermediate of fungicides - isoprothiolane. It is also a mediator of etychlozate regulating plant growth.

Melting point: 132-135 ° C (decomposition) (lit.)

Boiling point: 140 °C

Density: 1.619

refractive index: 1.4780

Flash point: 157 ° C

pka: 2.83 (in 25 °C)

character: Liquid

White color

Solubility in water: 1400 g / L (20 °C)

Fe (iron): ≤0,0005%

NH<sub>4</sub> (ammonium): positive test result

Pb (lead): ≤0,0005%

Total sulfur (as sulfate): ≤0.005%

Residue on ignition (as sulfate): ≤0.01%

### Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of

Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)