

Product Datasheet

GK0631 - Malonic acid

Pictograms

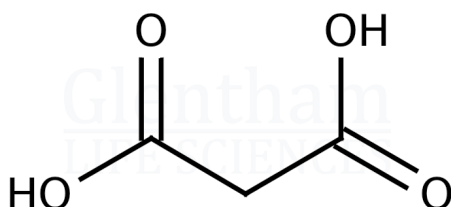


Product Details

Product Name	Malonic acid
Glenthams Code	GK0631
CAS Number	141-82-2
EINECS	205-503-0
MDL Number	MFCD00002707
PubChem SID	310275988
Related Categories	Organics, Organic Acids

Structure

Molecular Weight : 104.06
Molecular Formula : $C_3H_4O_4$



Glenthams Product Specification

Physical Description	: White crystalline powder or crystals
Solubility (5% in 1M NaOH)	: Clear to slightly turbid, colourless solution
Residue on Ignition	: $\leq 0.1\%$
Water	: $\leq 1.0\%$
Assay (Titration)	: 99.0 - 101.0 % (dried basis)
Version	: v1.1

About Malonic acid

Malonic acid, or propanedioic acid, is a dicarboxylic acid that forms a solid at room temperature. Malonic acid is a common intermediate in the pharmaceutical industry and is frequently used in veterinary medicine. It is also used as a flavouring agent in certain foods.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, Eye Dam. 1, STOT SE 3, STOT SE 3, Acute Tox. 4
Signal Word	Danger
Hazard Codes	H315, H318, H335, H336, H302
Precautionary Codes	P280, P305+P351+P338, P310, P261, P301+P312

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