

Product Datasheet

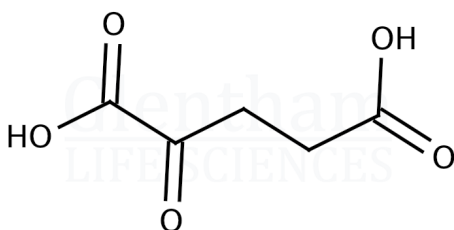
GP9006 - 2-Ketoglutaric acid

Product Details

Product Name	2-Ketoglutaric acid
Glenthams Code	GP9006
CAS Number	328-50-7
EINECS	206-330-3
MDL Number	MFCD00004165
PubChem SID	310275626
Additional CAS	305-72-6 ($\cdot 2\text{Na} \cdot 2\text{H}_2\text{O}$)
Additional CAS	22202-68-2 (mono Na)
Related Categories	APIs, Biochemicals, Vitamins, Raw Materials (IVD), Enzyme Substrates, Organics, Organic Acids, Cosmetic Raw Materials

Structure

Molecular Weight	: 146.10
Molecular Formula	: $\text{C}_5\text{H}_6\text{O}_5$



Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P261, P302+P352, P305+P351+P338

Pictograms



Glenthams Product Specification

Physical Description	: White to off-white crystalline powder
Identification (IR)	: Conforms to standard
Solubility (10% in water)	: Clear to faintly turbid, colourless or almost colourless solution
Melting Point	: 110.0 - 117.0 °C
Heavy Metals (as Pb)	: $\leq 10\text{ppm}$
Iron (Fe)	: $\leq 30\text{ppm}$
Loss on Drying	: $\leq 1.0\%$ (60°C, 1h)
Assay (Titration)	: 98.0 - 101.5 %
Version	: v1.2

About 2-Ketoglutaric acid

No further details on record.

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A

Signal Word Warning

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