

Product Datasheet

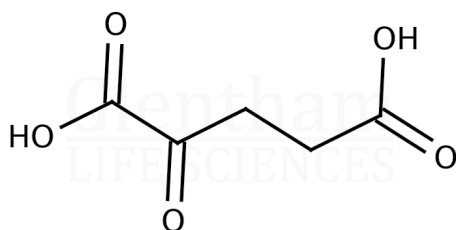
GP9006 - 2-Ketoglutaric acid

Product Details

Product Name	2-Ketoglutaric acid
Glenthams Code	GP9006
CAS Number	328-50-7
EINECS	206-330-3
MDL-Nummer	MFCD00004165
PubChem SID	310275626
Zusätzliche CAS	305-72-6 ($\cdot 2\text{Na} \cdot 2\text{H}_2\text{O}$)
Zusätzliche 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	: $\text{C}_5\text{H}_6\text{O}_5$



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	Achtung

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.

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