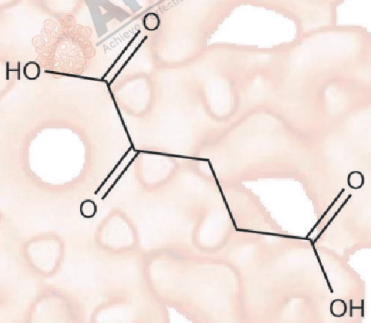
Product Name: alpha-ketoglutarate
Revision Date: 10/23/2026

Product Data Sheet

alpha-ketoglutarate

Cat. No.: M1277
CAS No.: 328-50-7
Formula: C5H6O5
M.Wt: 146.1
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

⩾14.6 mg/mL in H2O; ⩾28.2 mg/mL in EtOH; ⩾59.4 mg/mL in DMSO

In Vitro — Preparing Stock Solutions

Concentration \ Mass (Solvent)	1mg	5mg	10mg
1 mM	6.8446 mL	34.2231 mL	68.4463 mL
5 mM	1.3689 mL	6.8446 mL	13.6893 mL
10 mM	0.6845 mL	3.4223 mL	6.8446 mL

Please refer to the solubility information to select the appropriate solvent.

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.



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