

α -Ketoglutaric acid

Cat. No. TCMS-112

Lot. No. (See product label)

Product Name

α -Ketoglutaric acid

Product Overview

This product is suitable for plant tissue culture. CAS NO.328-50-7. No structural deformity observed, actively growing shoots, no toxicity to shoots. No necrotic tissues, actively growing callus, no toxicity to callus. Cultures conditions: Incubation period (5wks), Relative humidity (60 \pm 2%), Temperature (25 \pm 2 $^{\circ}$ C), Photoperiod Day: Night in hours (16:8).

Form

White to light yellow crystals or powder or solid

Molecular Mass

146.1

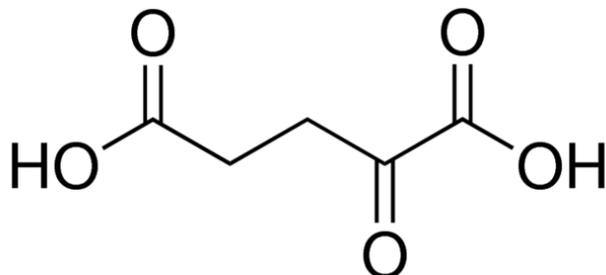
Purity

>99%

Synonyms

2-Oxoglutaric acid; 2-Oxopentanedioic acid

Figure 1



Solubility

33.3 mg soluble in 1 mL of alcohol

Molecular Formula

C₅H₆O₅

Storage

Store at 2 - 8 centigrade

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY