

Product Name	: 3-Oxopentanedioic acid
Synonyms	: 13-Acetonedicarboxylic acid;3-Oxoglutaric acid
Cat No.	: M20272
CAS Number	: 542-05-2
Molecular Formula	: C ₅ H ₆ O ₅
Formula Weight	: 146.1
Chemical Name	: —
Description	: 3-oxoglutaric acid or acetonedicarboxylic acid is a simple carboxylic acid which may be used as a building block in organic chemistry. It has been found to be a microbial metabolite.
Pathway	: Proteasome/Ubiquitin
Target	: Endogenous Metabolite
Receptor	: Human Endogenous Metabolite
Solubility	: DMSO:10 mM
SMILES	: <chem>OC(=O)CC(=O)CC(O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Sevcík Peter Misičák D Daniel. Carbon dioxide evolution in a Belousov-Zhabotinsky type oscillating reaction with acetonedicarboxylic acid.[J]. The Journal of Physical Chemistry A 2007 111(40):10050-10054.