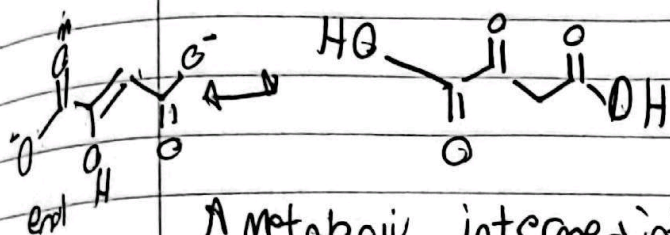


Oxaloacetate (Oxalacetic Acid or OAA)

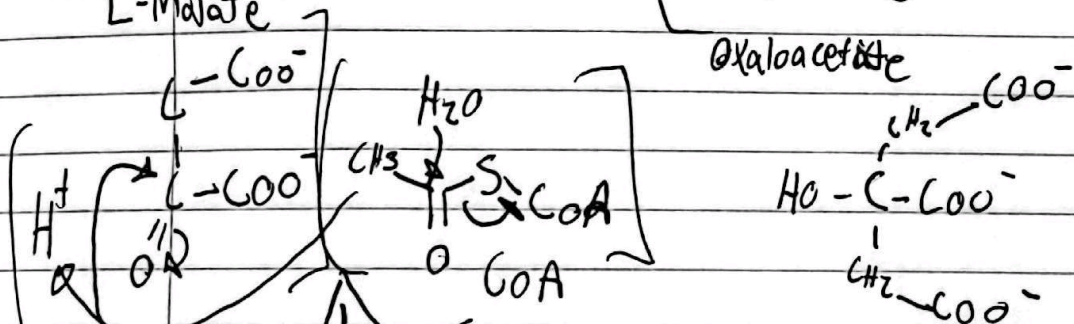
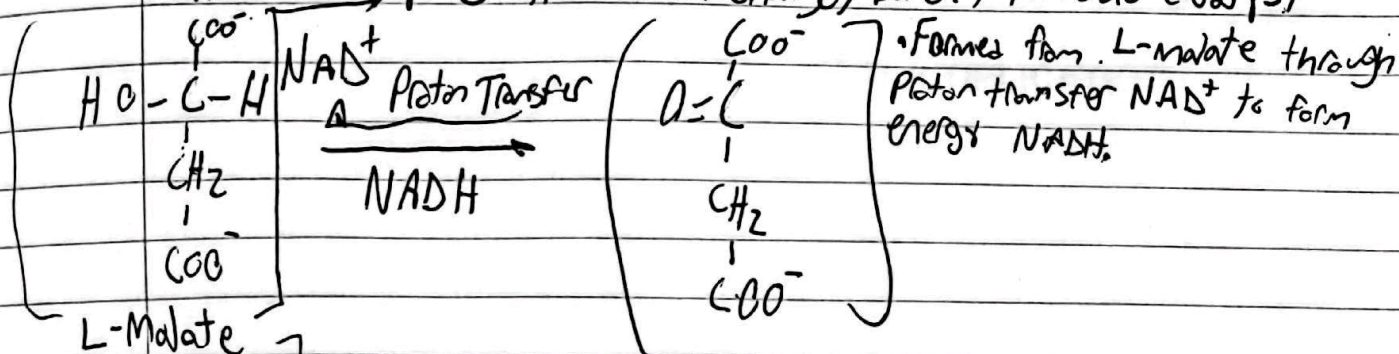
$C=O \sim 1.2 \text{ \AA}$

$C-C \sim 1.54 \text{ \AA}$

$C_4H_4O_5$



A Metabolic intermediate. Takes part in gluconeogenesis (biosynthesis of glucose from non-carbohydrate carbon substrates), urea cycle (making urea $(NH_2)_2CO$ from ammonia (NH_3)), glyoxylate cycle (Anabolic synthesis of carbs), Amino Acid Synthesis, Fatty Acid Synthesis, Citric Acid Cycle (really an intermediate), Citric Acid Cycle (How does it change/bond?). Acts as catalyst



SDS:
MP: $161^\circ C$
132g/mol

Eye Irritation Harmful to Aquatic Life