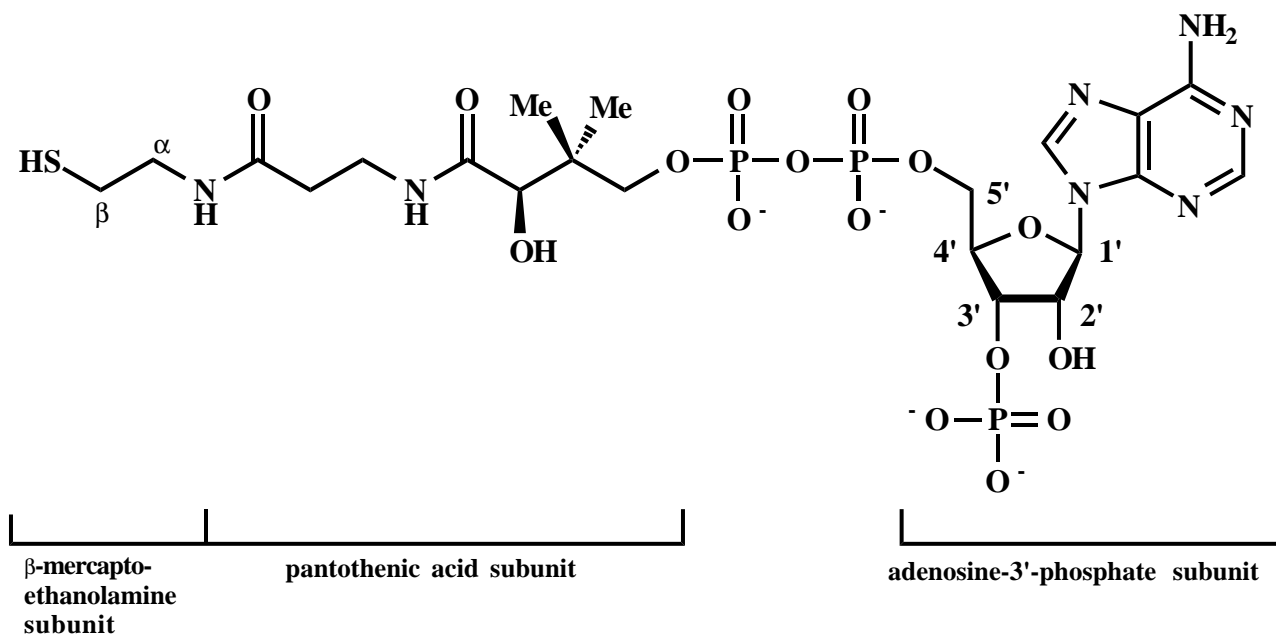
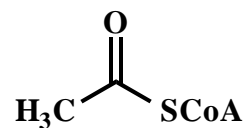
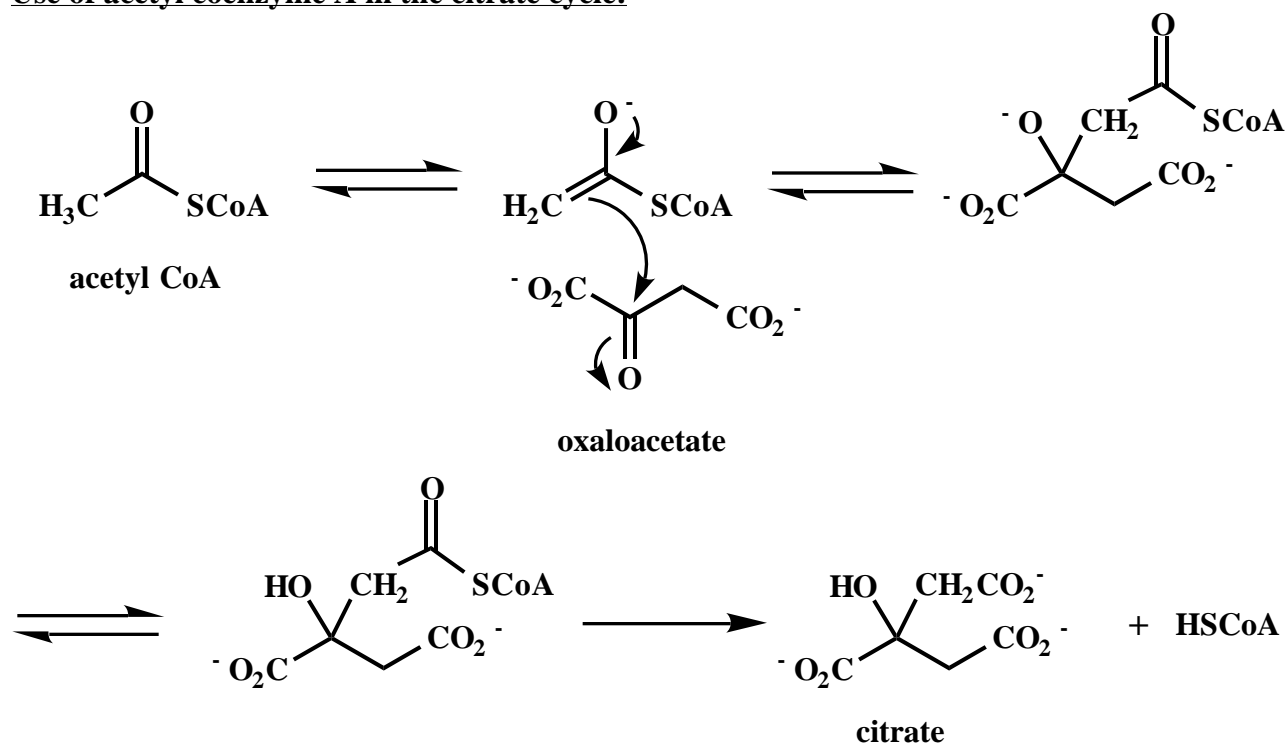


## A Biochemical Claisen-Type Condensation: Acetyl Coenzyme A



Coenzyme A = HSCoA

Acetyl coenzyme A is the corresponding thioester:

Use of acetyl coenzyme A in the citrate cycle:

The enzyme, citrate synthase, catalyzes this transformation.