

* Acetoacetic Ester Synthesis

① Acetoacetic Ester: β -ketoester: Mono or Di-Substituted ketone

② Form Enolate w/ NaOEt

alkylate w/ RX

Form Carboxylate w/ NaOH/H₂O

Protonate Carboxylate w/ H₃O⁺/H₂O

Decarboxylate β -ketoacid w/ heat





