

Enol formation

Enols reactivity

Malonic synthesis

Mickael addition

Enamine alkylation

Aldol addition / condensation: acid and based catalyzed

Claisen condensation

Mannich reaction

Organomagnesium compounds: formation and reactivity

Weinreb amides

Organolithium compounds: formation and reactivity

Metallation, ortho-metallation

E1, E2

Wittig reaction