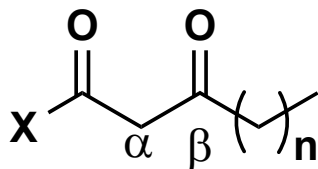
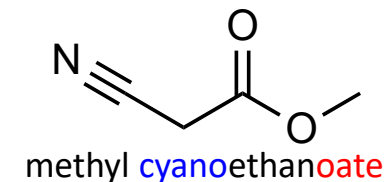
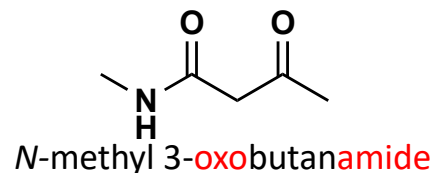
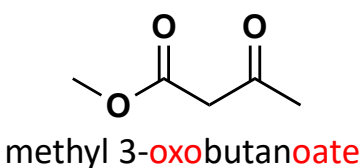
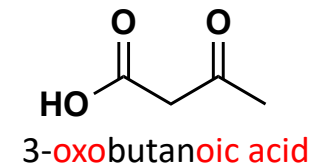
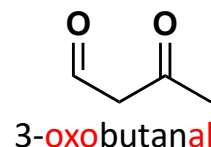
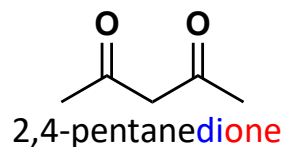


# β-ジカルボニル化合物

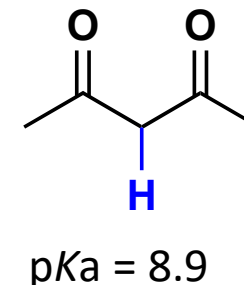
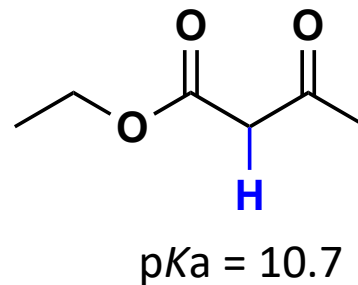
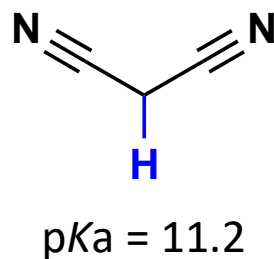
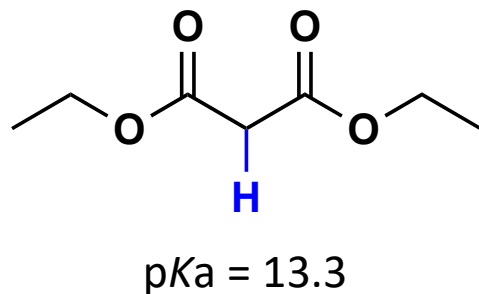
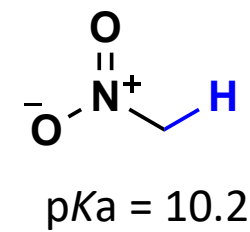
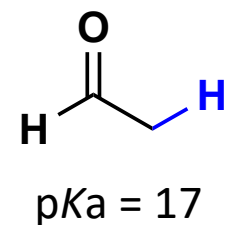
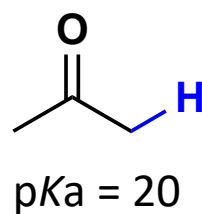
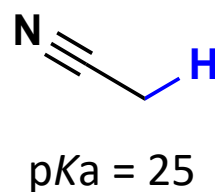
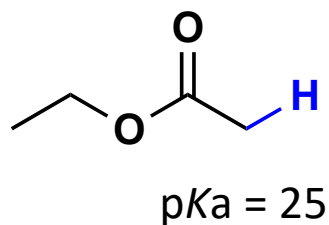
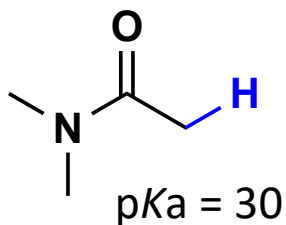
β-カルボニル化合物  
(1,3-ジカルボニル化合物)



命名



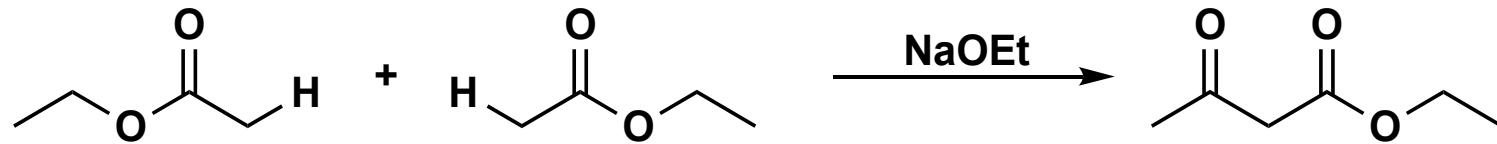
主な炭素酸のpKa



# 1,3-ジカルボニル化合物の合成

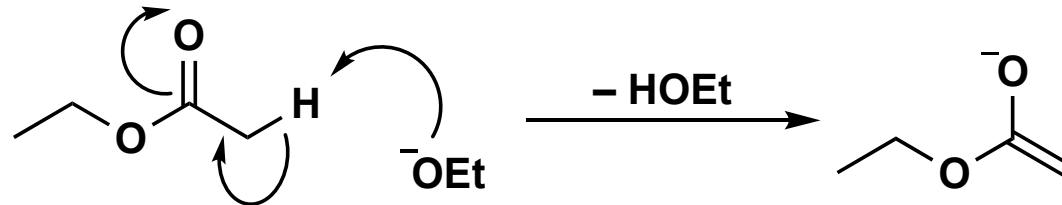
## Claisen縮合

エステルエノラートを用いた付加・脱離反応

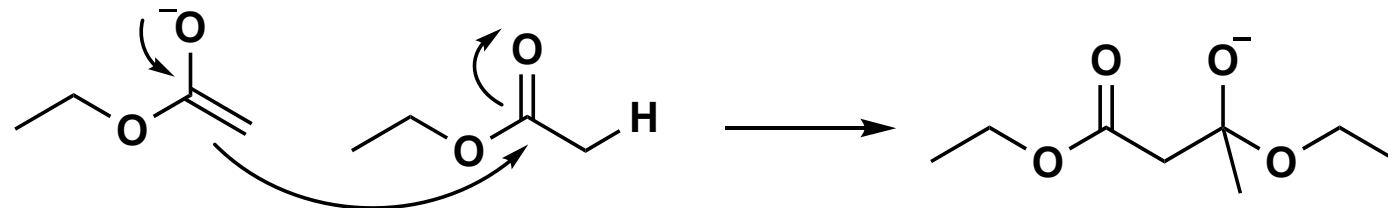


Claisen縮合の反応機構

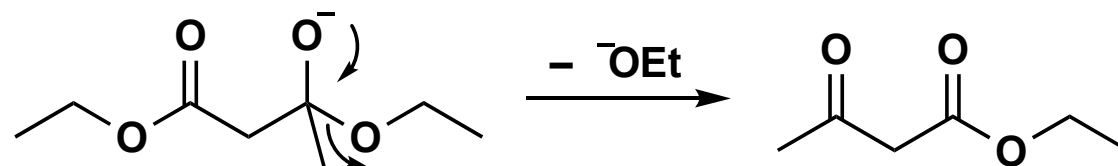
1: エステルエノラートの生成



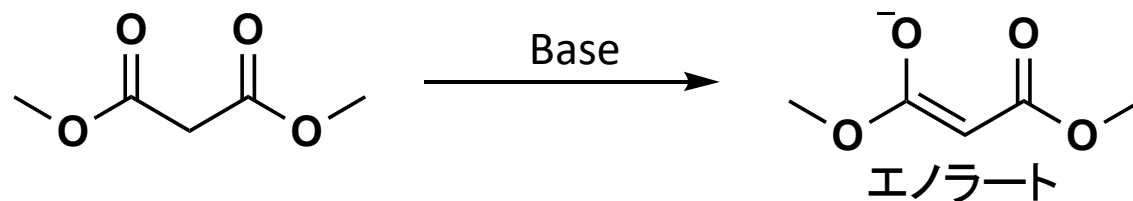
2: エステルエノラートの付加



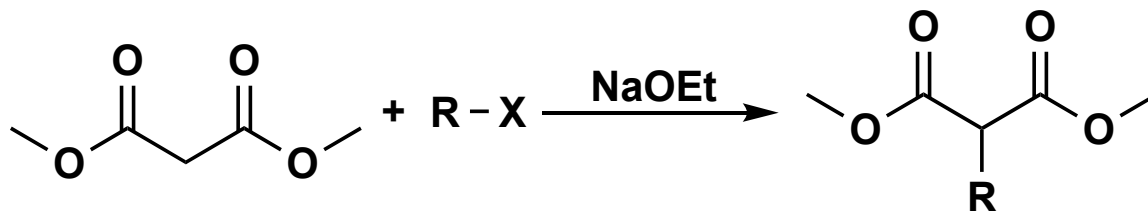
3: エトキシドの脱離



# 1,3-ジカルボニル化合物を用いた反応



・アルキル化



・Michael付加反応(1,4-付加反応)

