第１３章　　エノラートのアルキル化　問題の解答

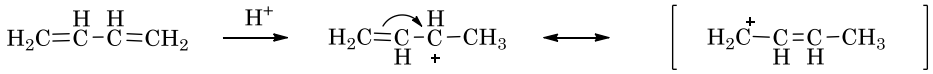
予習　**復習すべき点**

★★授業の前にやっておこう!!★★

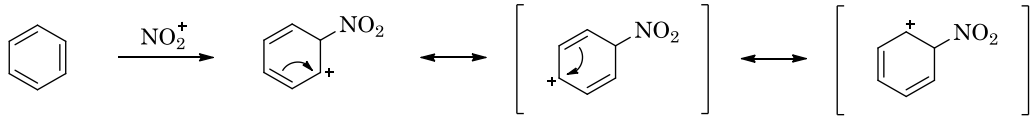
1.　共鳴混成体および電荷の非局在化による安定性（第４章および第１０章）

次に示すカルボカチオンの共鳴混成体を示しなさい。ただし、電子の移動を示す矢印を必ず使うこと。

(1)



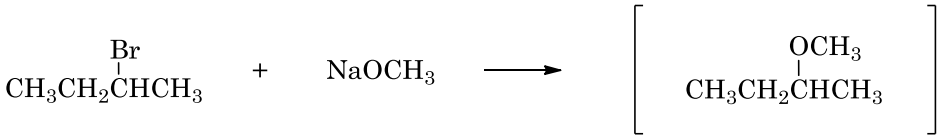
(2)



2.　ハロゲン化アルキルの求核置換反応（第７章）およびアルデヒドへの求核付加（第１１章）

次の反応の生成物を示しなさい。

(1)



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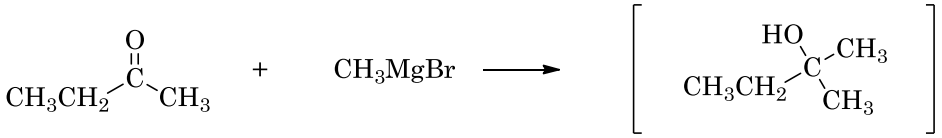
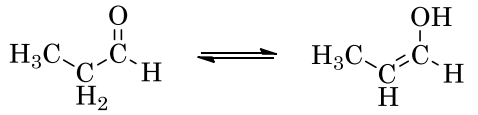
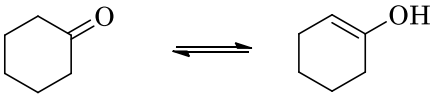
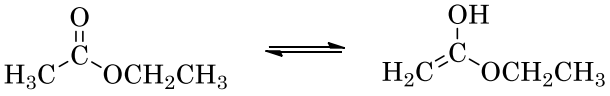


★★<u>本文の解答</u>★★

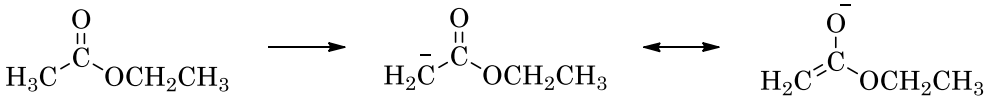
問１

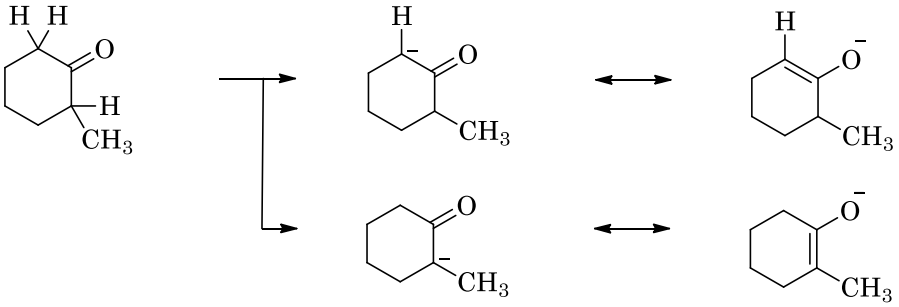
(1)  幾何異性体は無視

(2) 

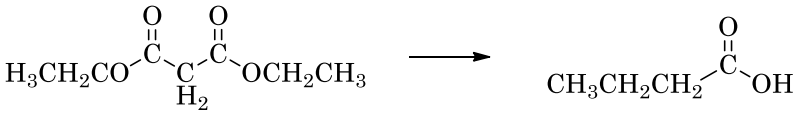
(3) 

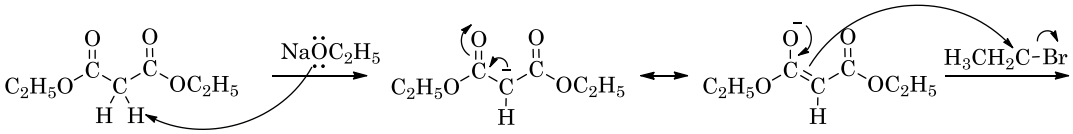
問 2　次の化合物から生成するエノラートイオンを示しなさい。

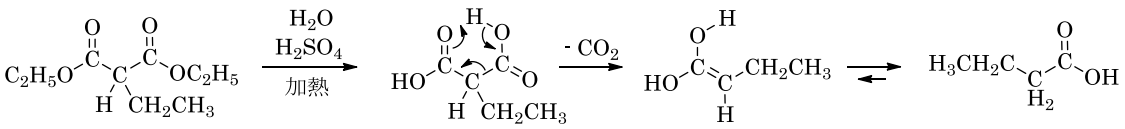
(1) 

(2) 

問 3

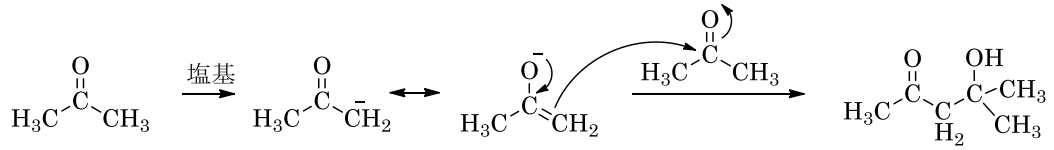






問 4

(1)



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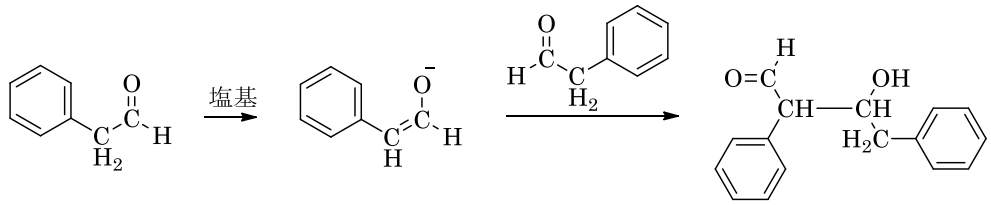

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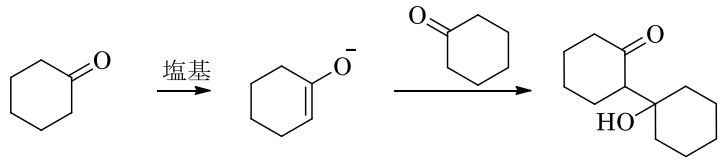
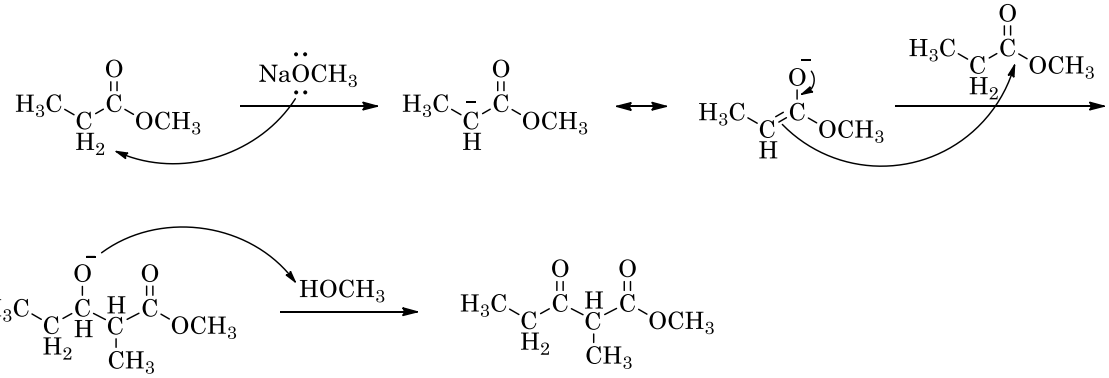


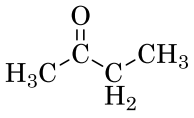
問 5



▲▲演習問題Ａ　基本を確認しましょう▲▲

１３－Ａ１

(1)



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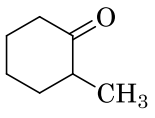
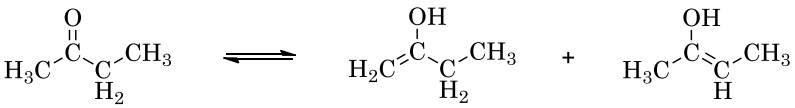


(1)



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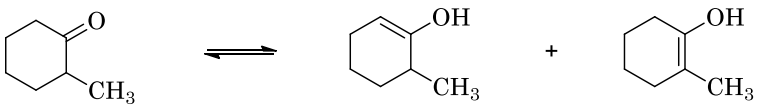
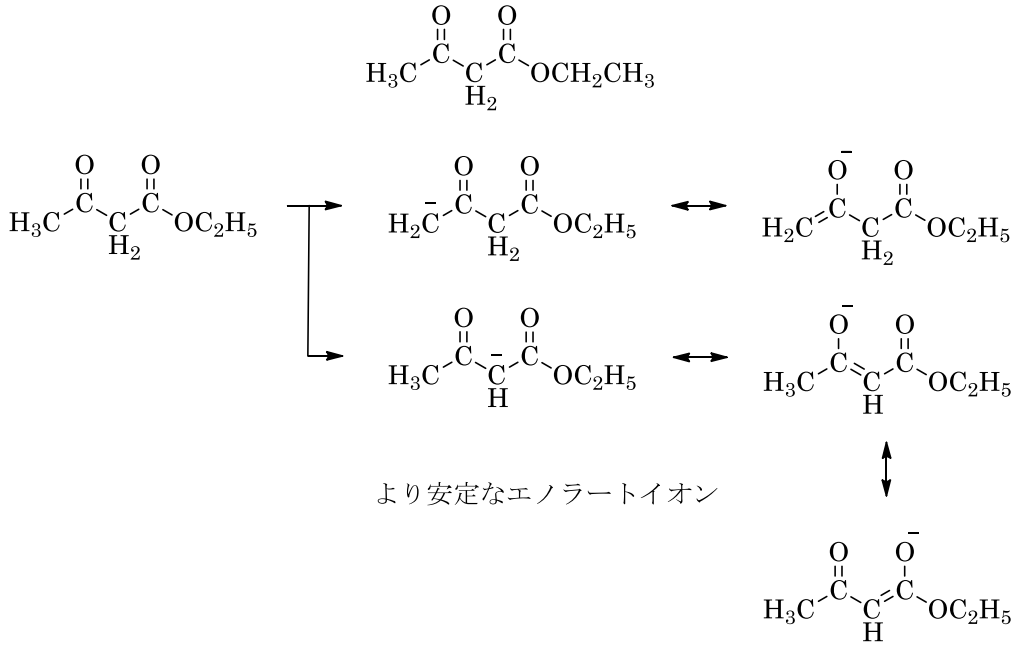
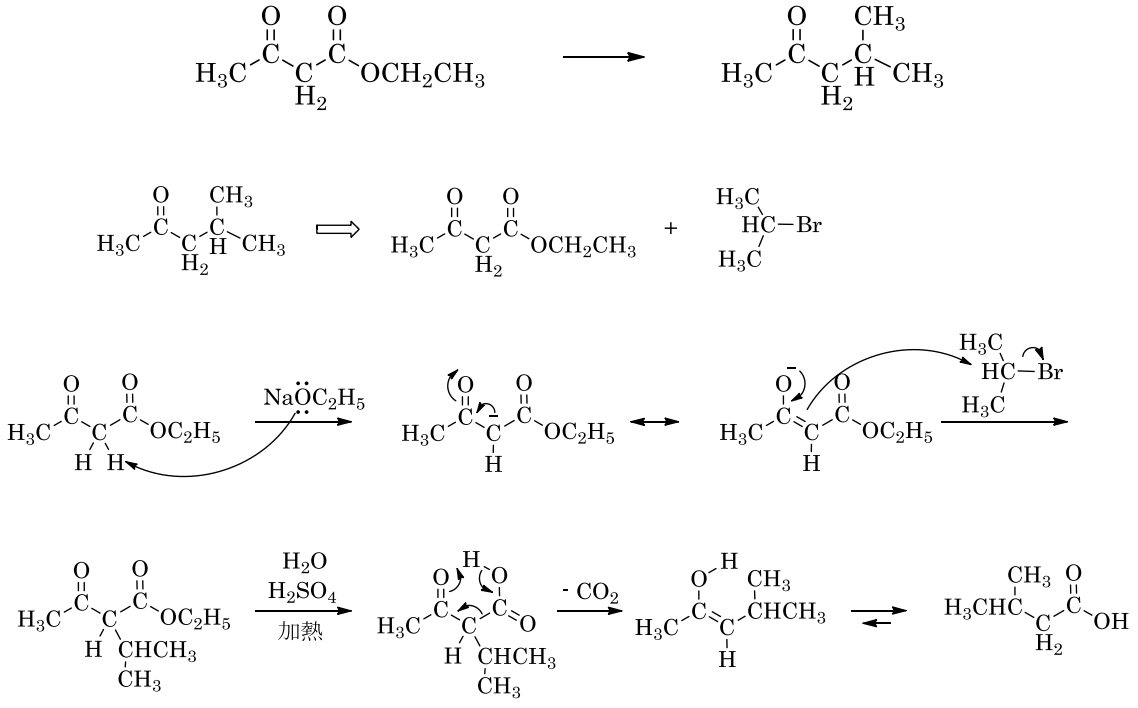
(2)



１３－Ａ２

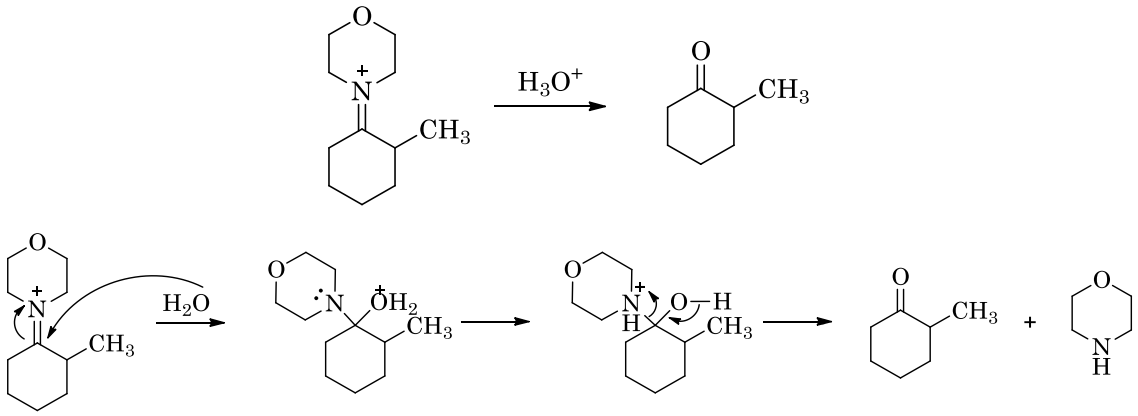


１３－Ａ３

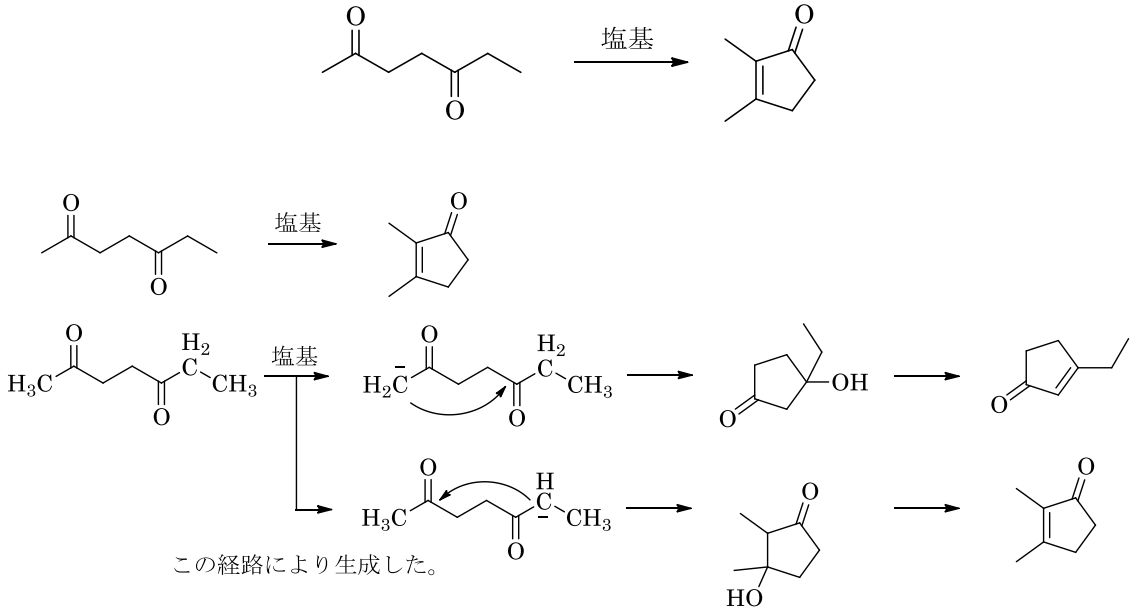


▲▲演習問題Ｂ　もっと使えるようになりましょう▲▲

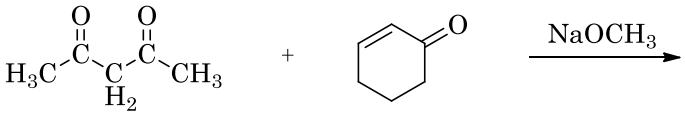
１３－Ｂ１

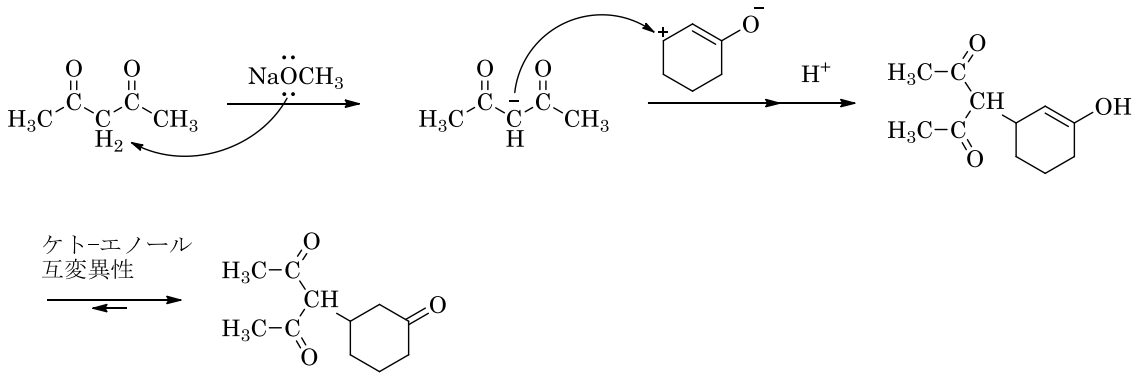


１３－Ｂ２



１３－Ｂ３





13－B4