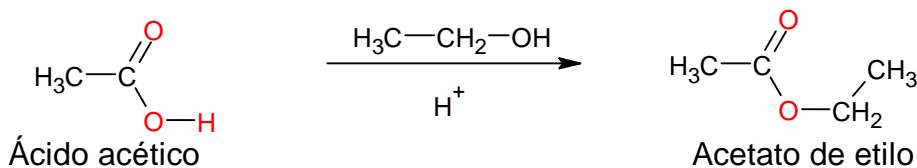


Apoyo 3er Departamental | ESIQIE 21/1 |

👉 Síntesis de Ésteres | Mecanismos

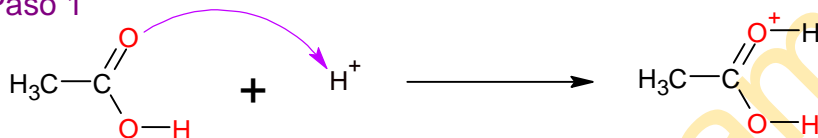
1. Esterificación de Fisher

Esterificación de Fisher

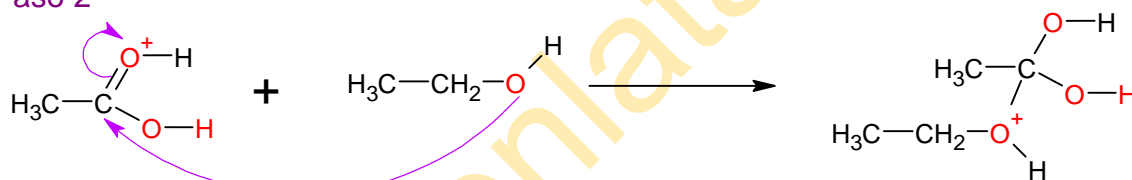


Mecanismo

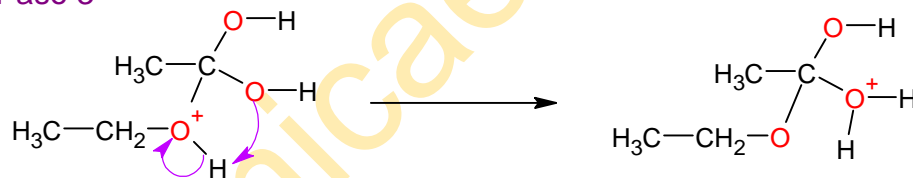
Paso 1



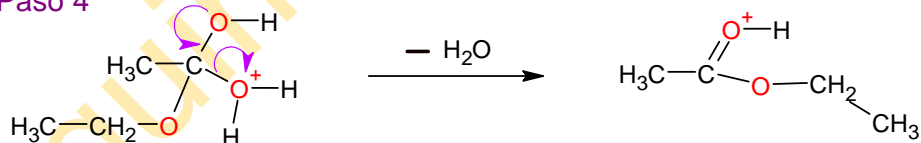
Paso 2



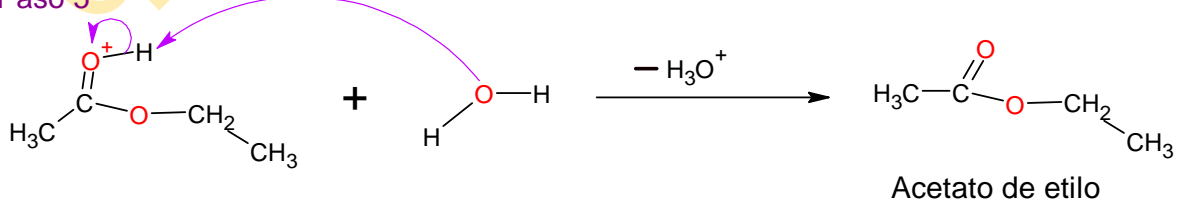
Paso 3



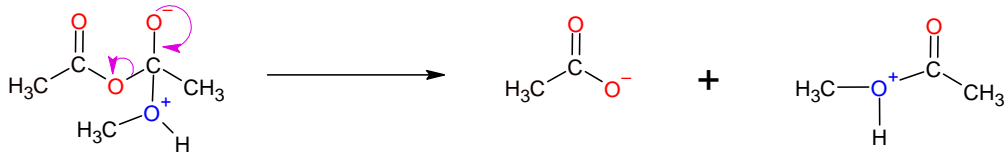
Paso 4



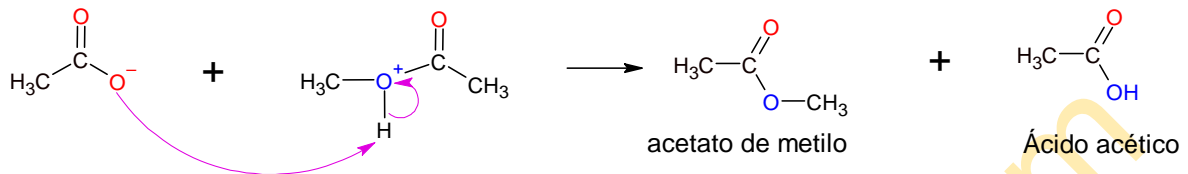
Paso 5



Paso 2

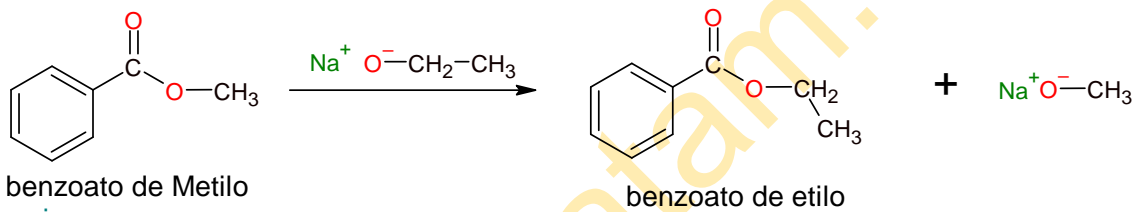


Paso 3



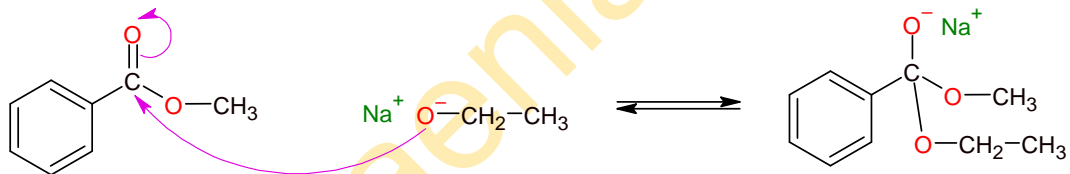
4. Transesterificación catalizada por base

Transesterificación catalizada por base

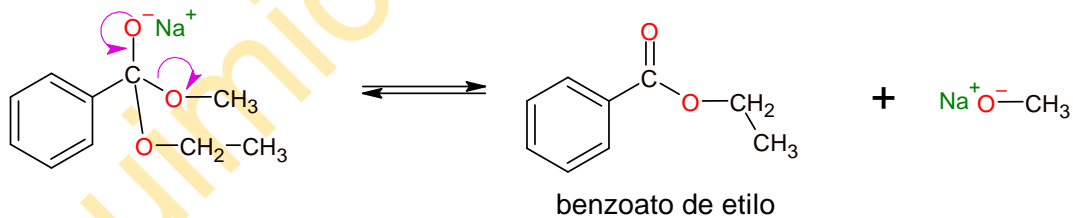


Mecanismo

Paso 1

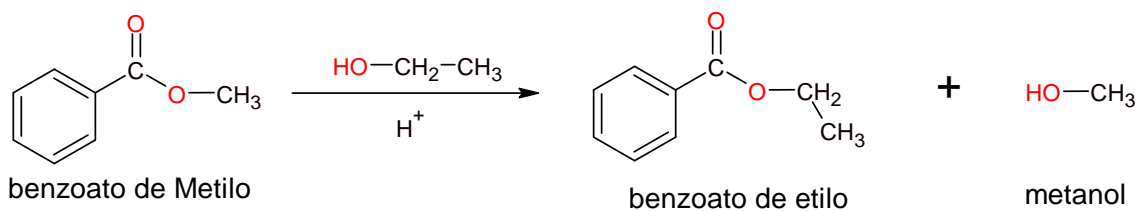


Paso 2



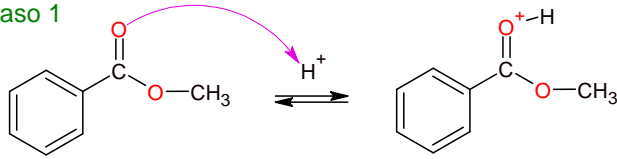
5. Transesterificación catalizada por ácido

Transesterificación catalizada por ácido

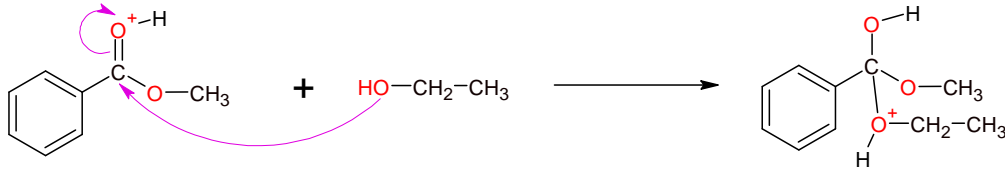


Mecanismo

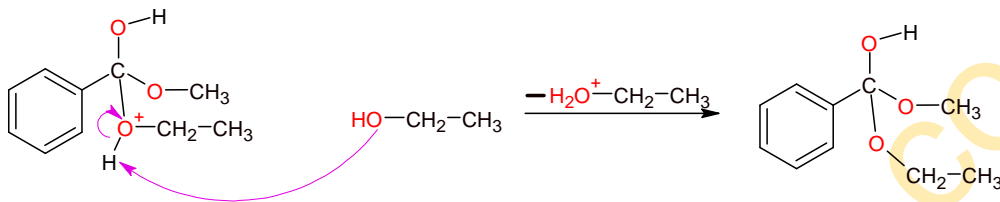
Paso 1



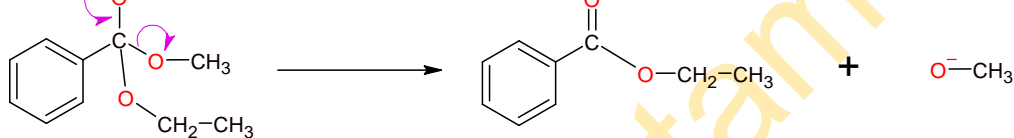
Paso 2



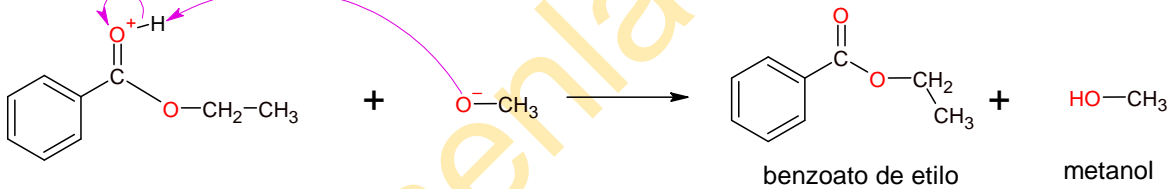
Paso 3



Paso 4

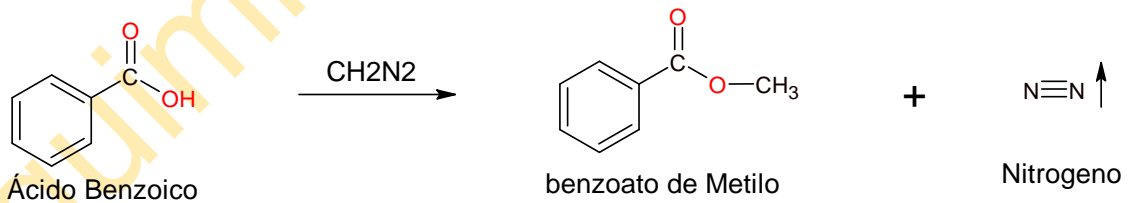


Paso 5



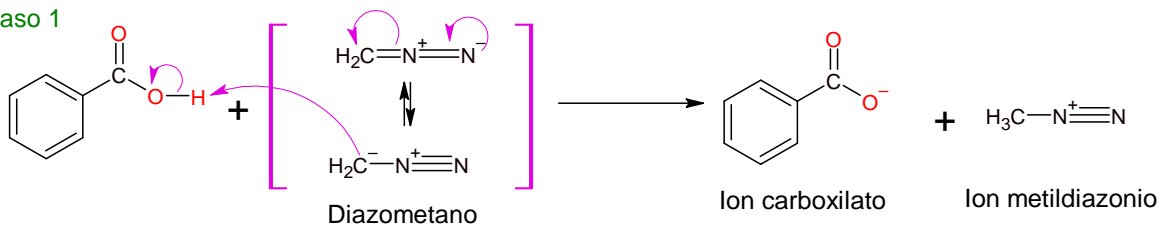
6. Esterificación mediante Diazometano

Transesterificación catalizada por ácido

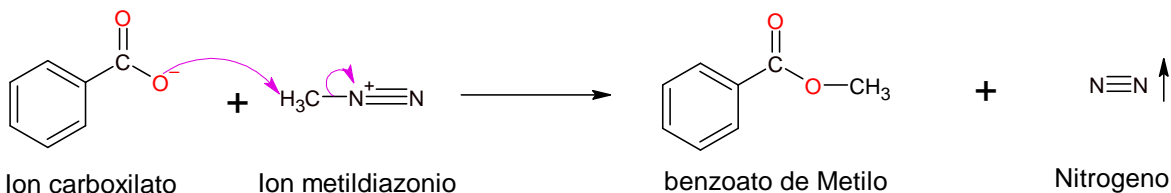


Mecanismo

Paso 1



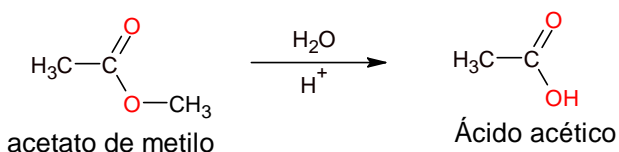
Paso 2



Reacciones de Ésteres | Mecanismos

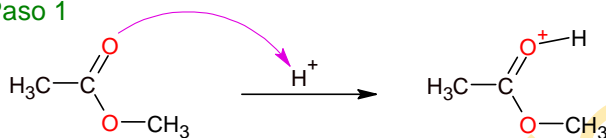
1. Hidrolisis de Ésteres en medio ácido

Hidrolisis de ésteres catalizada por ácido

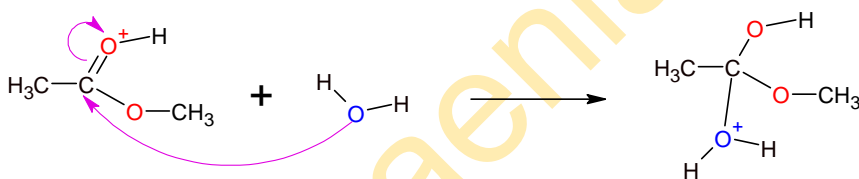


Mecanismo

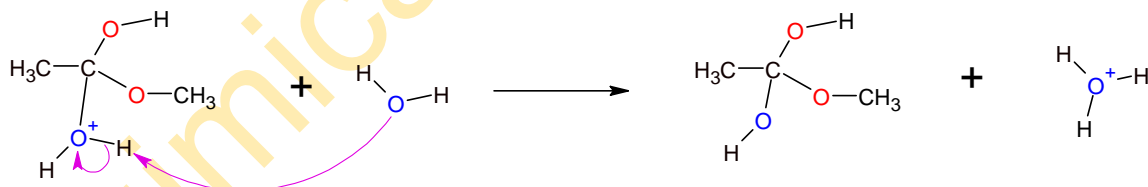
Paso 1



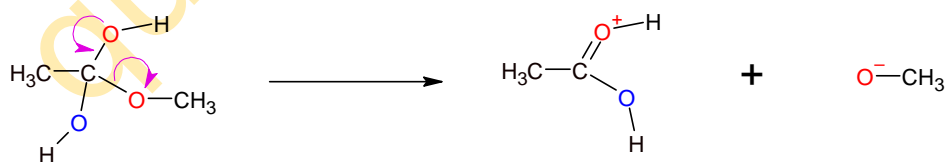
Paso 2



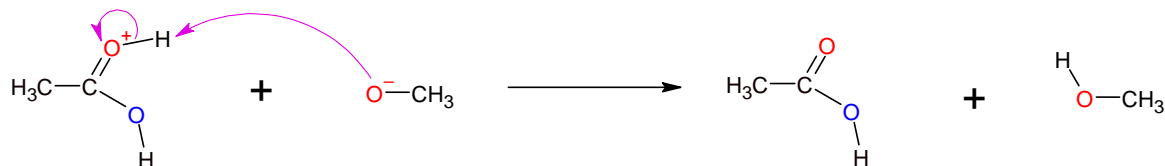
Paso 3



Paso 4

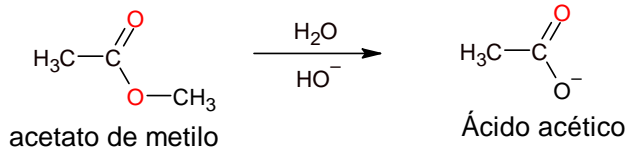


Paso 5



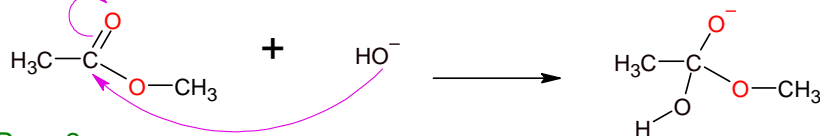
2. Hidrolisis de Ésteres en medio básico | Saponificación

Hidrolisis de ésteres catalizada por base

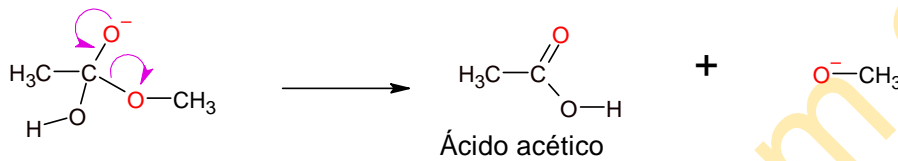


Mecanismo

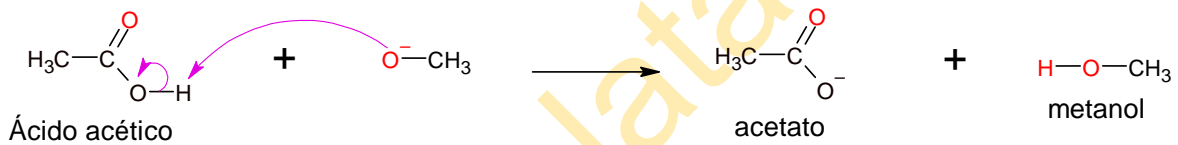
Paso 1



Paso 2

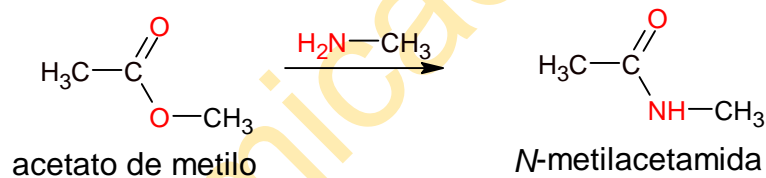


Paso 3



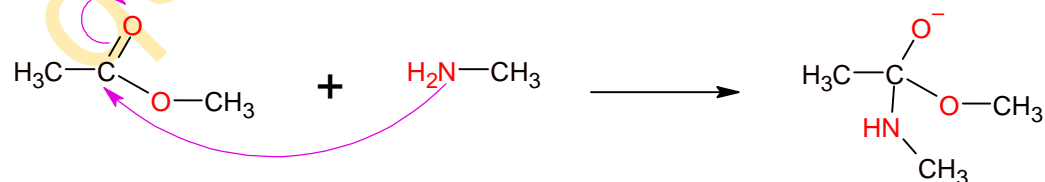
3. Amonólisis de un Éster

Amonólisis de un éster

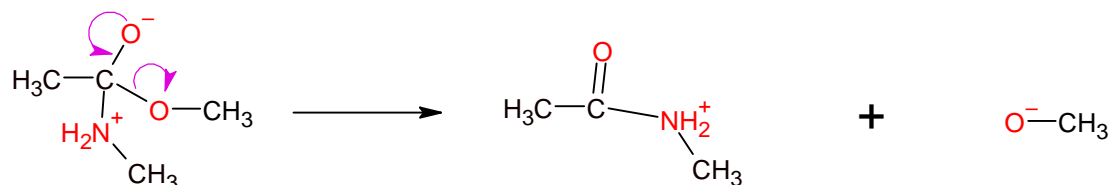


Mecanismo

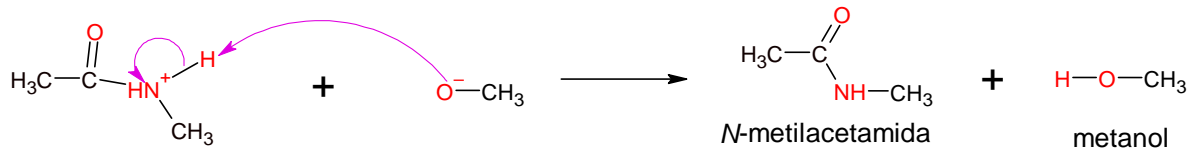
Paso 1



Paso 2

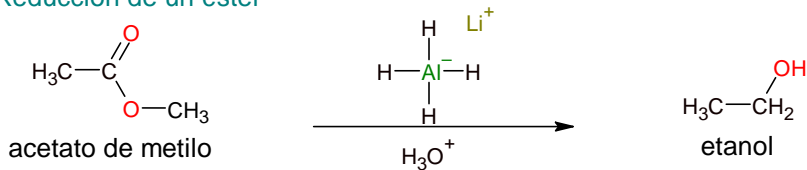


Paso 3



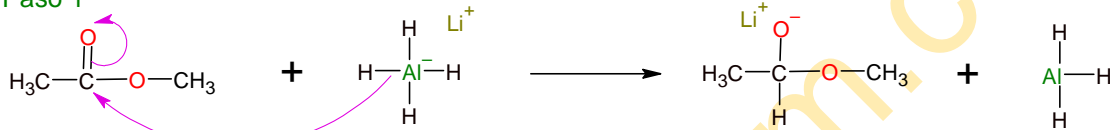
4. Reducción de un Éster | LiAlH_4

Reduccion de un éster

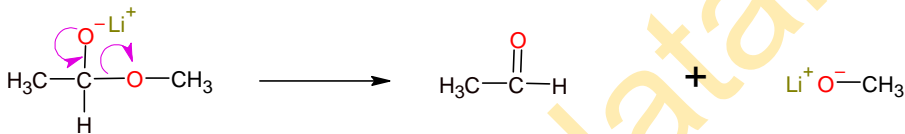


Mecanismo

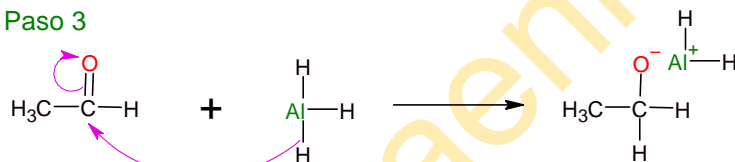
Paso 1



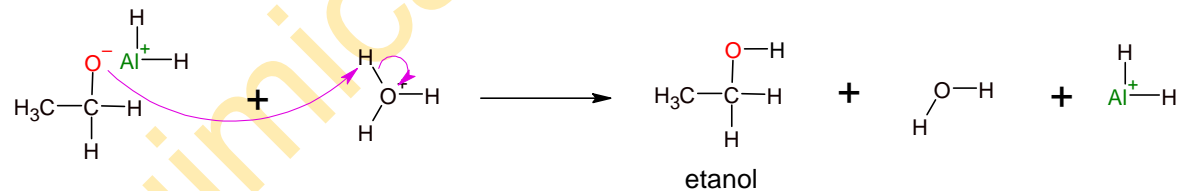
Paso 2



Paso 3

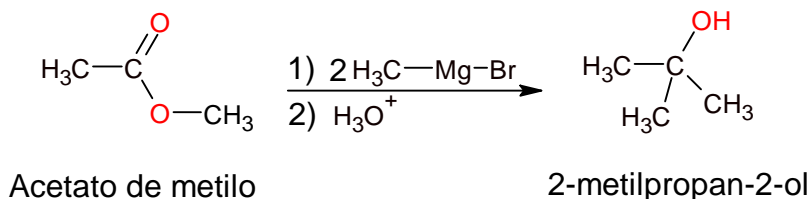


Paso 4



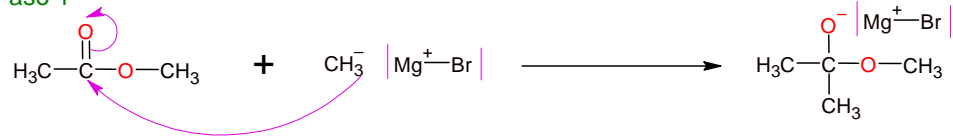
5. Reacciones con el Reactivo de Grignard

Sintesis de alcoholes mediante Ésteres y Reactivos de Grignard

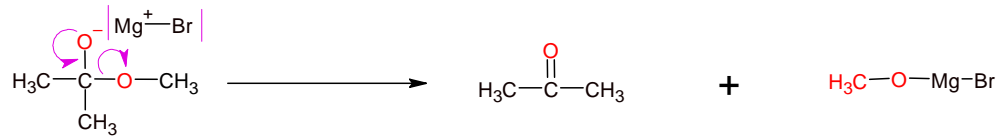


Mecanismo

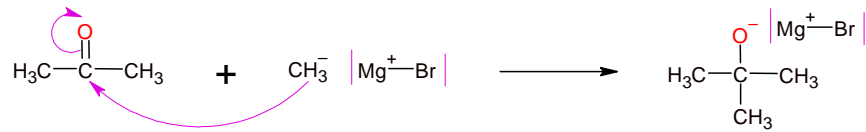
Paso 1



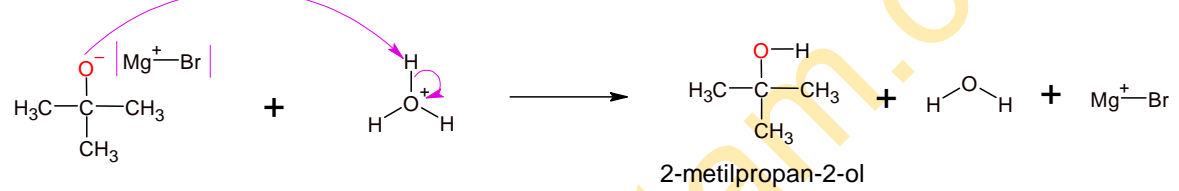
Paso 2



Paso 3

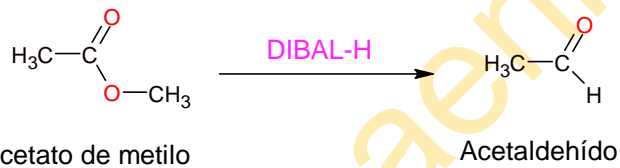


Paso 4



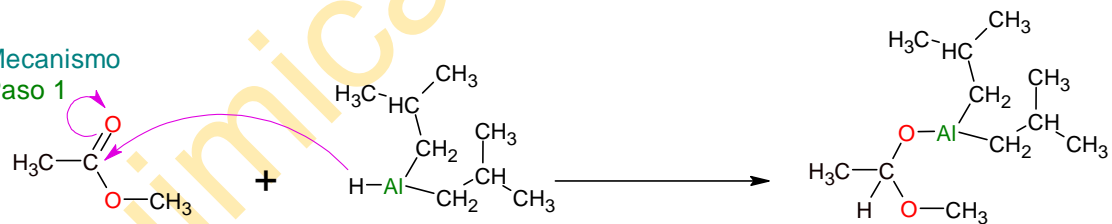
6. Reducción de un éster a un Aldehído | DIBAL-H

Síntesis de aldehídos mediante el uso de DIBAL-H



Mecanismo

Paso 1



Paso 2

