

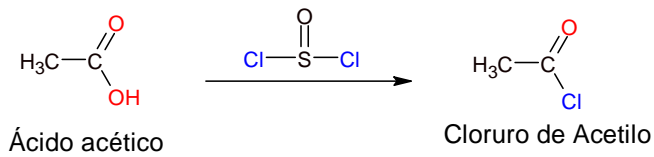
Apoyo 3er Departamental | ESIQIE 21/1 |

👉 Síntesis de los Cloruros de Ácido |

Mecanismos

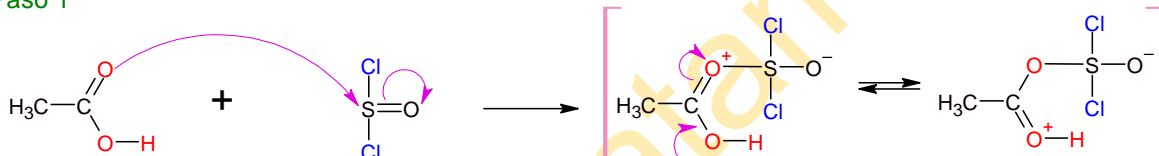
1. Conversión de Ác. Carboxílicos a Cloruros de Ácido

Síntesis general de Cloruros de ácido

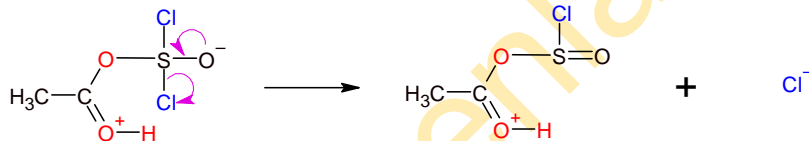


Mecanismo

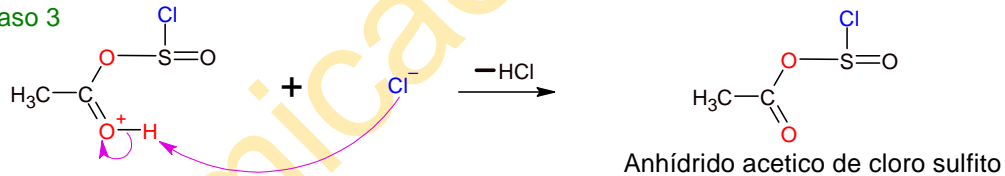
Paso 1



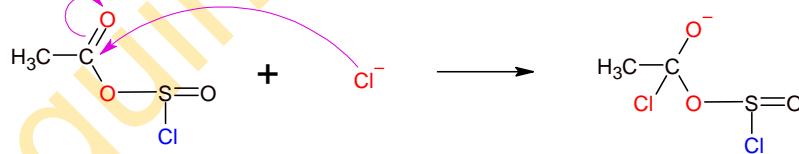
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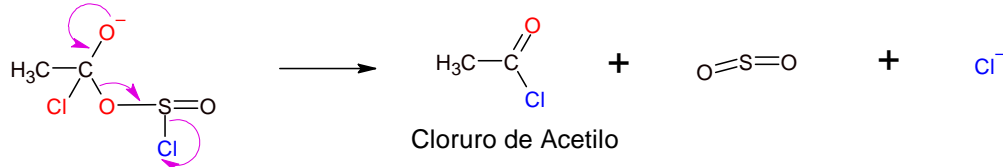
Paso 3



Paso 4



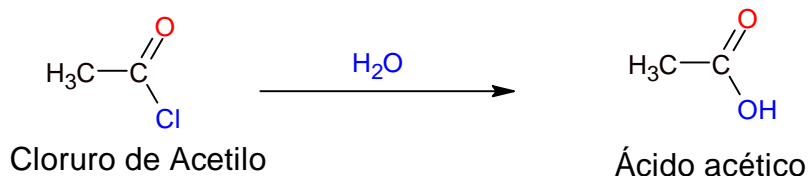
Paso 5



Reacciones de los Cloruros de Ácido | Mecanismos

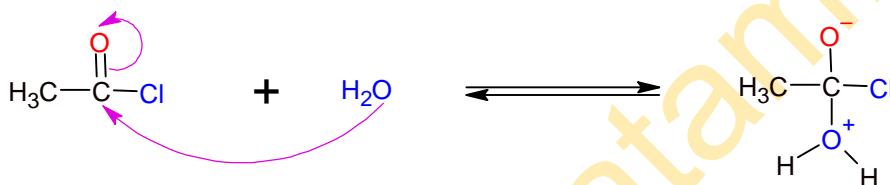
1. Hidrolisis en condiciones neutras

Síntesis general de Cloruros de ácido

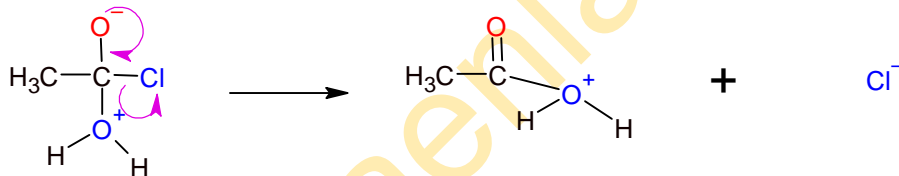


Mecanismo

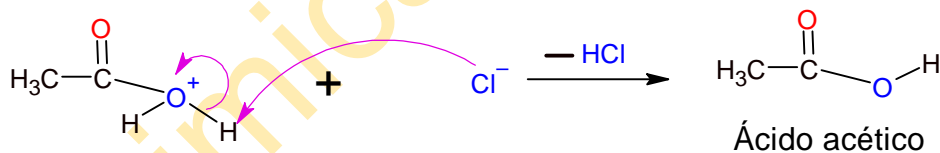
Paso 1



Paso 2

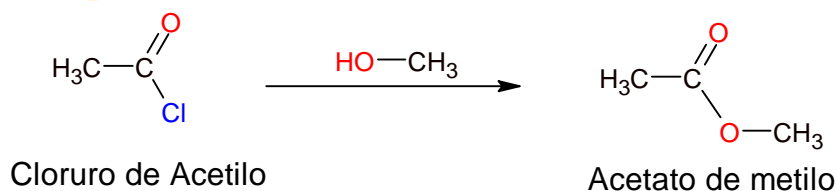


Paso 3



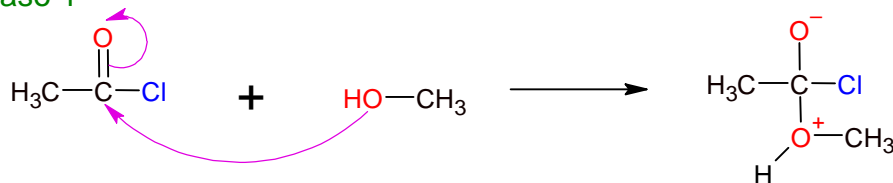
2. Conversión a un Éster

Conversión de Cloruros de ácido a Ésteres

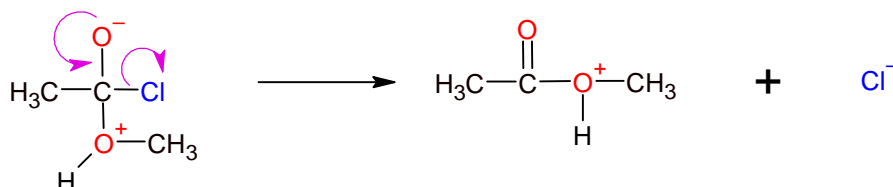


Mecanismo

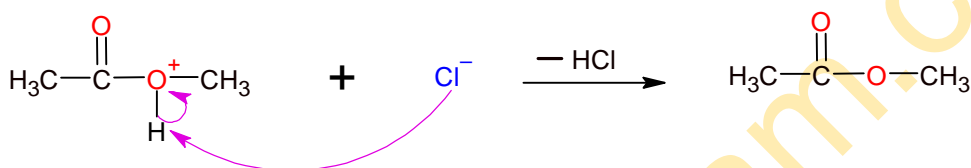
Paso 1



Paso 2

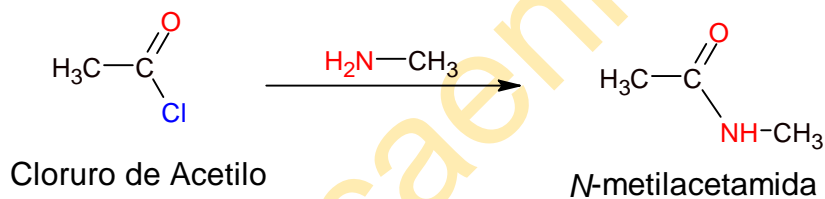


Paso 3



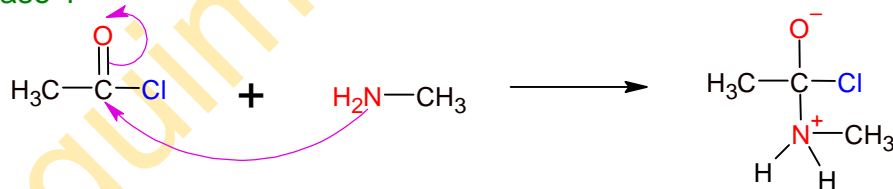
3. Conversión a una Amida

Conversión de Cloruros de ácido a Amidas

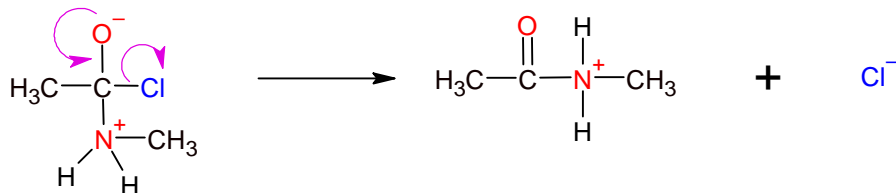


Mecanismo

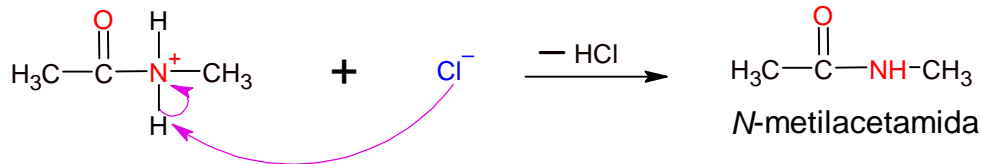
Paso 1



Paso 2

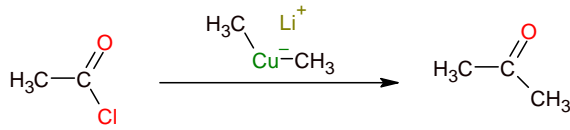


Paso 3



4. Conversión a un Anhídrido

Síntesis General de Anhídridos



Cloruro de Acetilo

Acetona

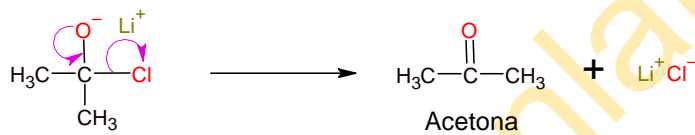
Mecanismo

Paso 1



Intermediario tetraédrico

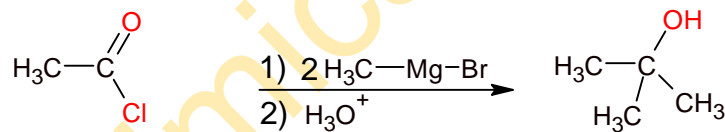
Paso 2



Acetona

5. Reacciones con Reactivos de Grignard

Síntesis de alcoholes mediante ésteres

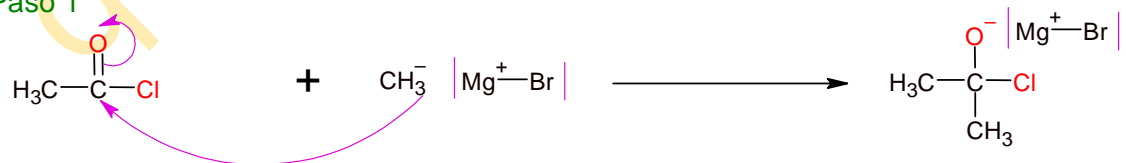


Cloruro de Acetilo

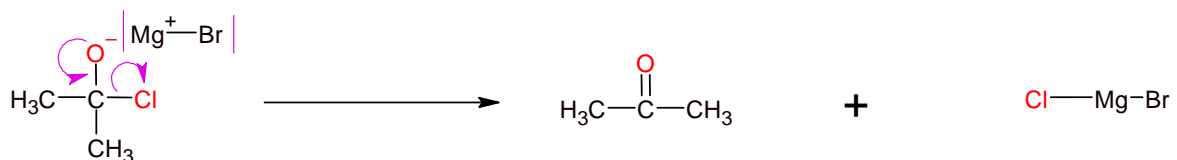
2-metilpropan-2-ol

Mecanismo

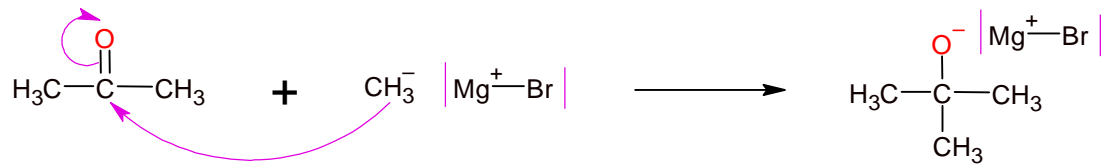
Paso 1



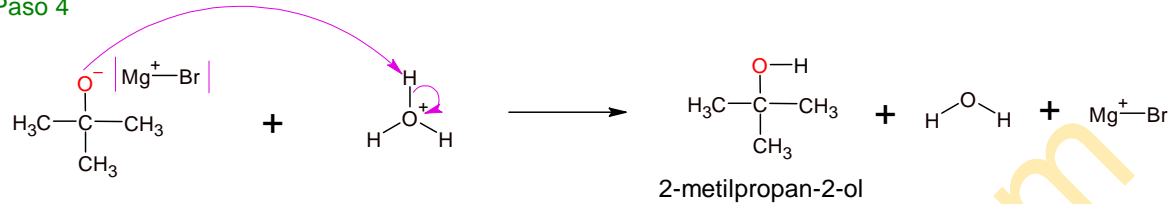
Paso 2



Paso 3

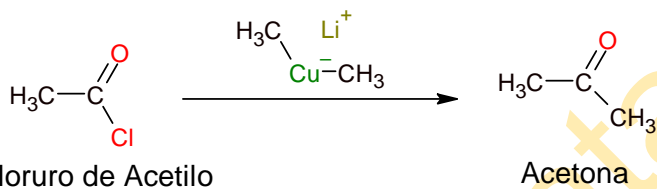


Paso 4



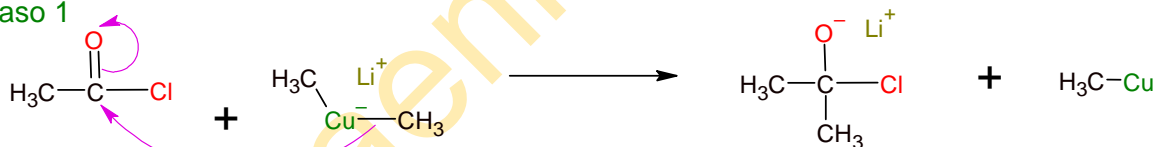
6. Reacciones con Dialquilcupratos de litio

Síntesis General de Anhídridos

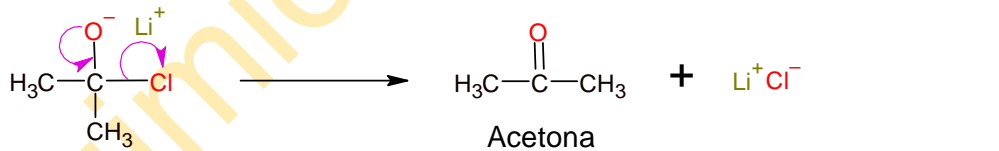


Mecanismo

Paso 1

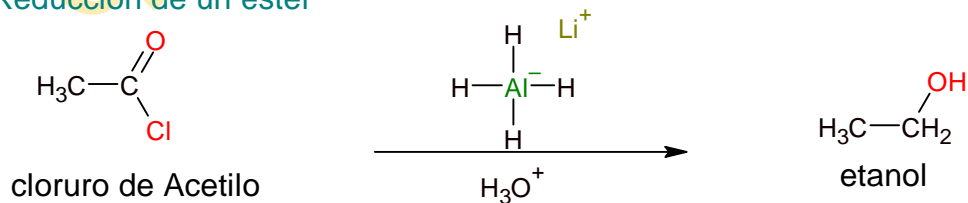


Paso 2



7. Reducción de un Cloruro de Ácido

Reducción de un éster

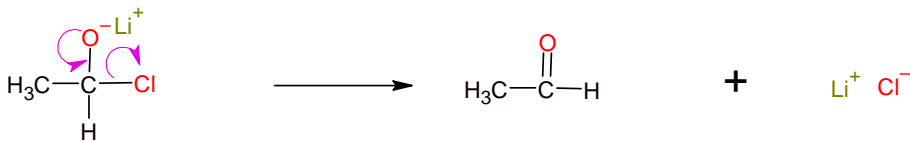


Mecanismo

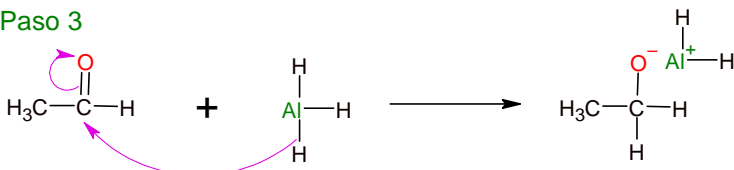
Paso 1



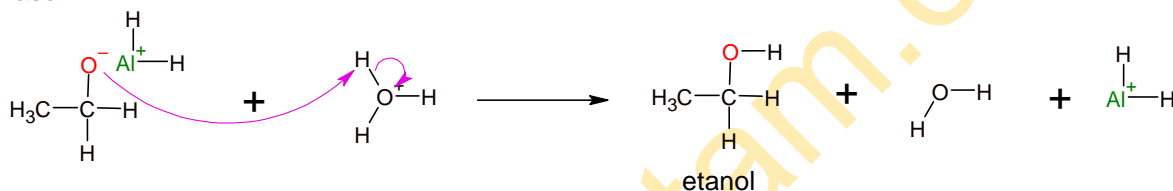
Paso 2



Paso 3



Paso 4



8. Reducción de un Cloruro de Ácido con DIBAL-H

Síntesis de aldehídos mediante el uso de DIBAL-H

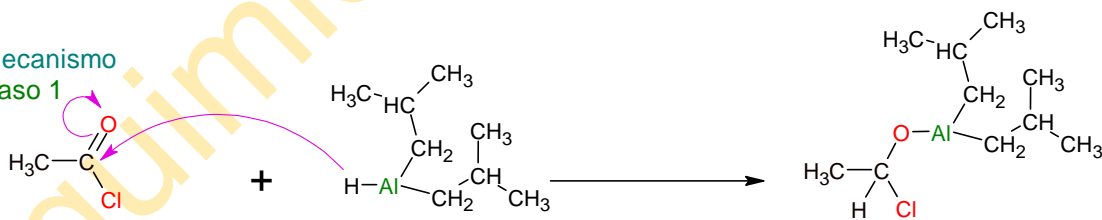


acetato de metilo

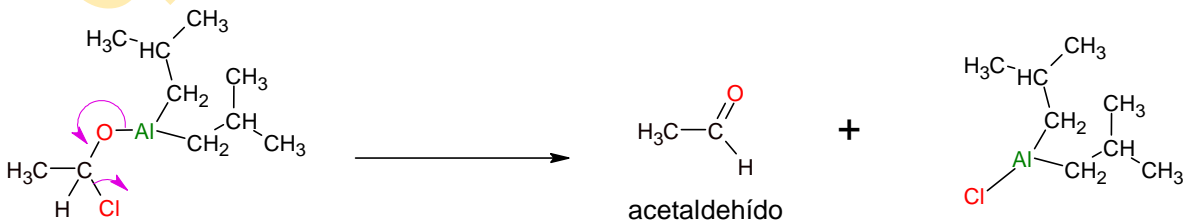
Acetaldehído

Mecanismo

Paso 1

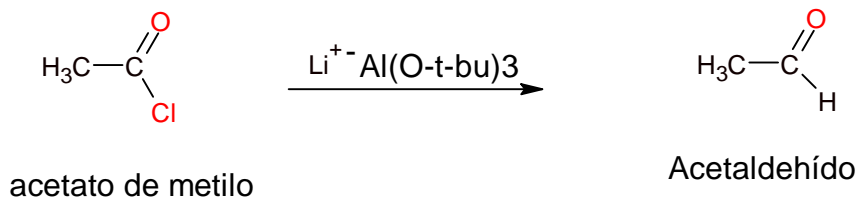


Paso 2



9. Reducción de un Cloruro de Ácido con el Hidruro de Tri-ter-butoxialuminio y litio | $Li^+ \text{ } ^-AlH(O-t-Bu)_3$

Reducción de un Cloruro de Ácido con Hidruro de Tri-ter-butoxialuminio y litio



Mecanismo
Paso 1

