

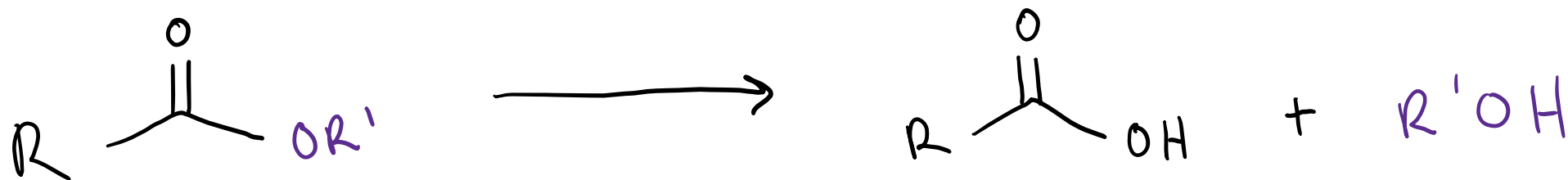
Esters

Amides

Jacqueline OH poll on Moodle!!

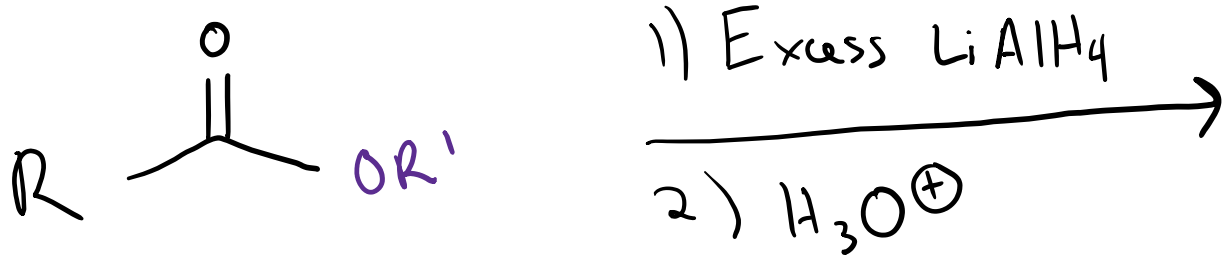
3/1/2023

Hydrolysis of Esters: Basic Conditions

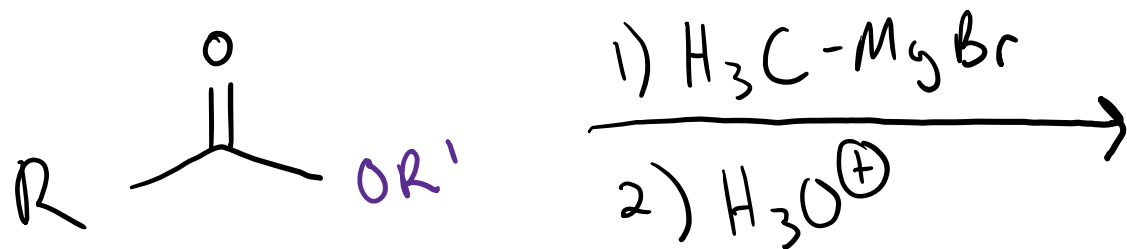


mechanism:

Reduction of Esters

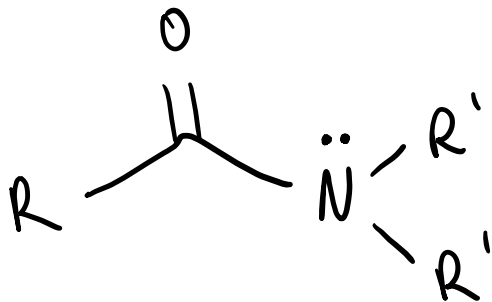


Esters and Grignard Reagents



Amides

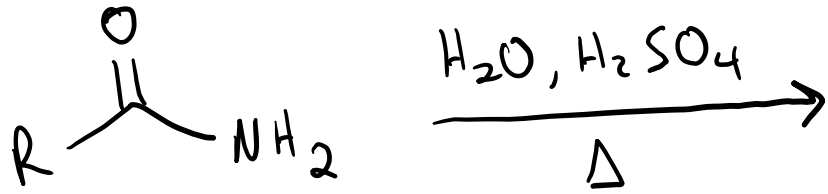
(20.12)



Synthesis of amides:

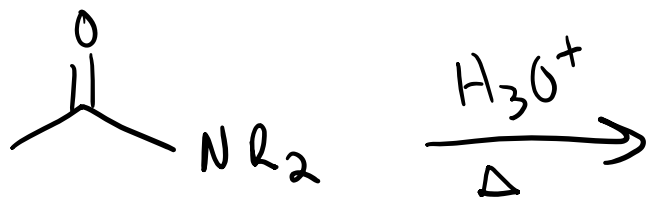
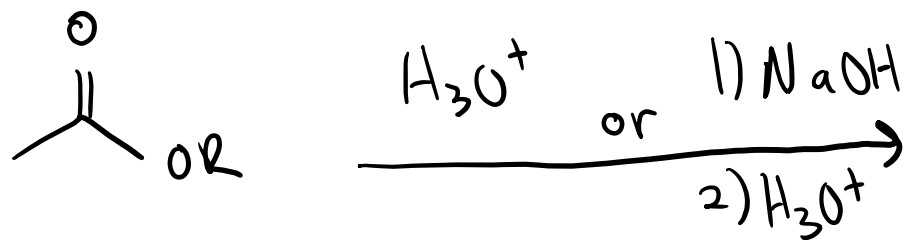
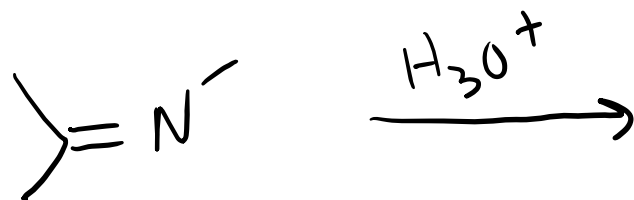
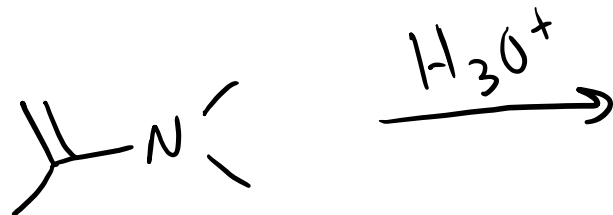
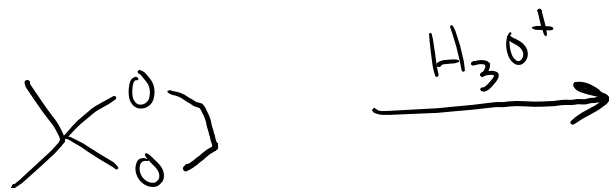


Hydrolysis of Amides

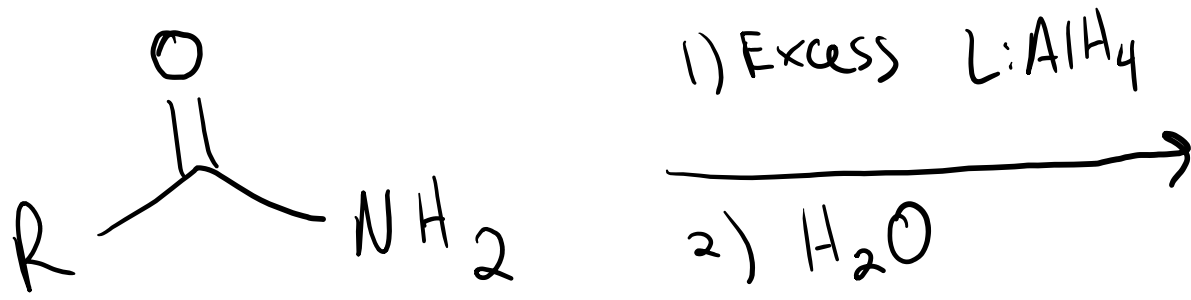


mechanism:

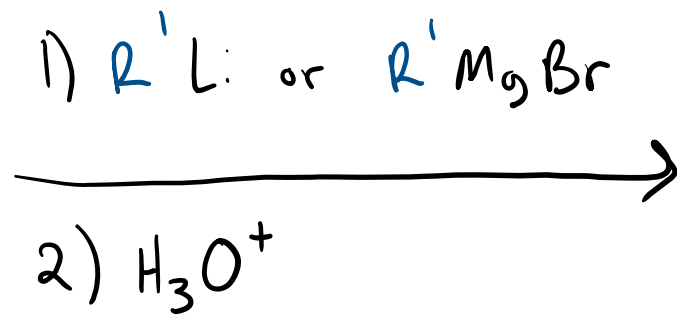
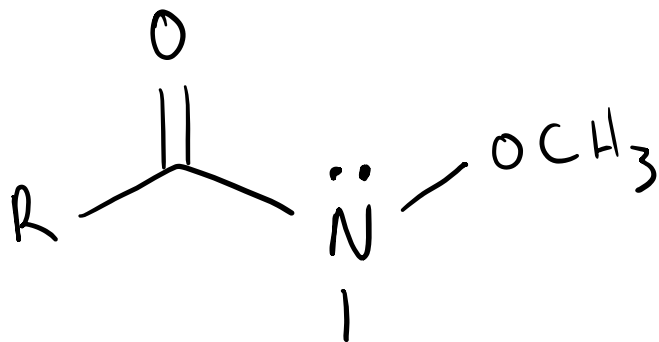
Hydrolysis of various functional groups: recap



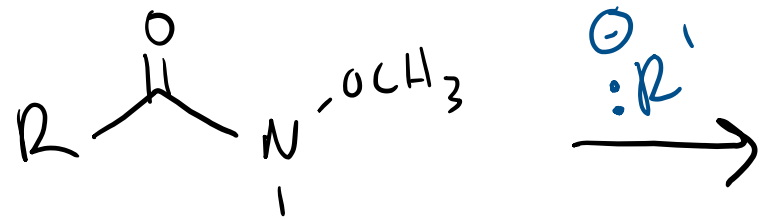
Reduction of Amides



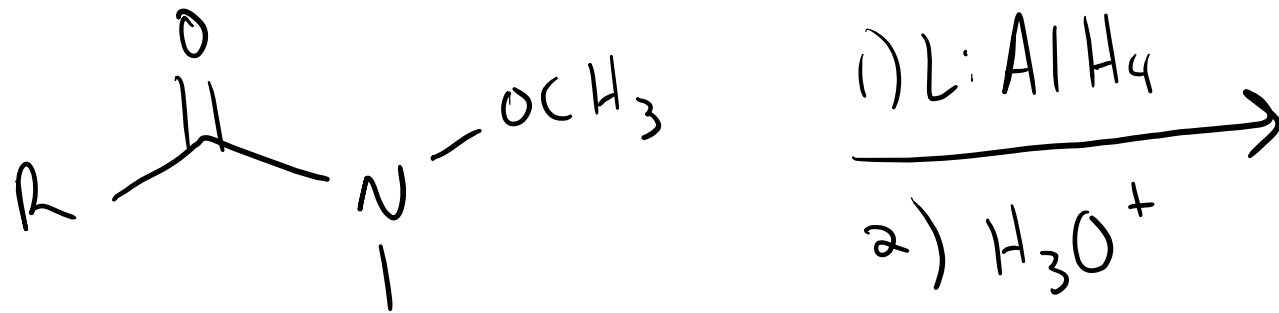
Weinreb Amides



Reduction of Weinreb Amides: Mechanism



Reduction of Weinreb Amides



Reduction (hydride transfer) of various functional groups: recap

