





chem263	fa2009
unemizos,	142009

4.) Amides

in comparison with esters

∴reduced reactivity,

less e withdrawal by induction

e⁻ donation by conjugation similar

since N is less e/n than O

po 19-13

chem263, fa2009

po 19-14

Summary

halides anhydrides esters amides, nitriles

reactivity \uparrow

Illustration: Rxn w/ H₂O

halidesreact at r.t., no cat. neededanhydrides:react at r.t., if cat. presentesters:need cat. & T \uparrow amides, nitrilesneed cat., T \uparrow , t \uparrow

chem263, fa2009

po 19-15

General Prep. Methods

least reactive of all acid derivatives we studied



"make acyl chloride,

then all other acid deriv^s can be made from there."

