

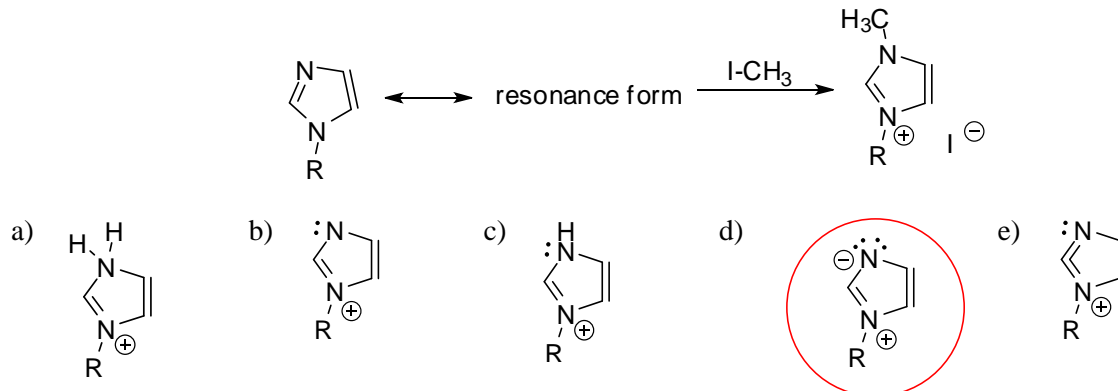
Organic Chemistry 2

Quiz #3

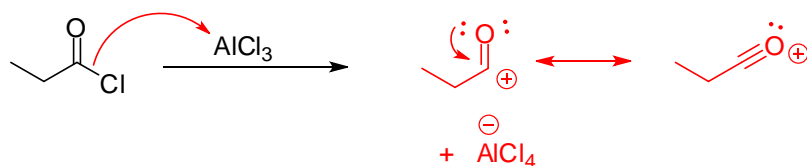
February 10, 2012

Name: Adele

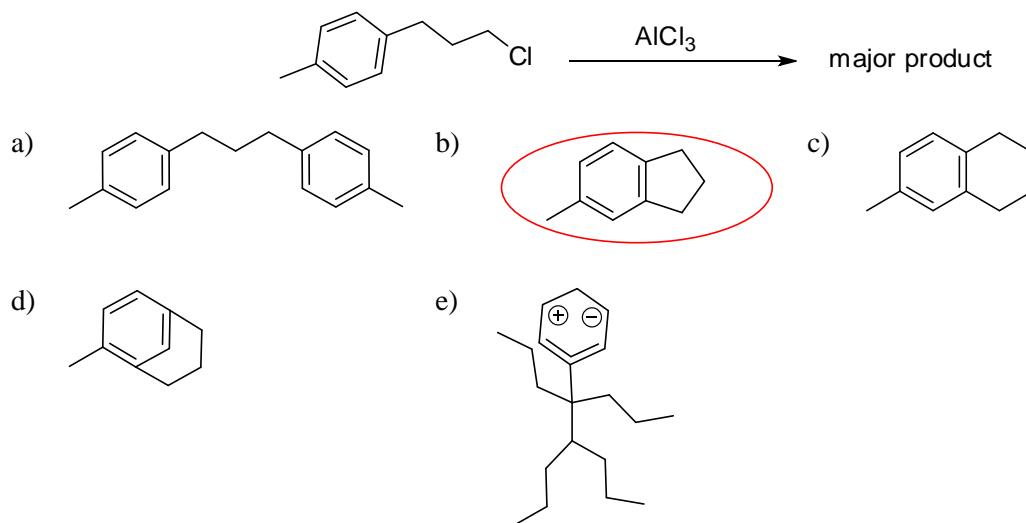
1. Circle the resonance form that predicts imidazole's reactivity in the following reaction. (2 pts.)



2. Draw the reactive intermediate, which is critical to the Friedel-Crafts acylation reaction, and that forms from the combination of the reagents shown below. Be sure to include any important resonance forms. Draw electron flow arrows for the reaction and the resonance form. (2 pts.)



3. Circle the major product of the following reaction. (2 pts.)



Loudon 16.17a