

Ch. 19 Ald/Ketones, Part 4 & Ch. 20 Carb. Acids, Part 1 – Practice Problems

1 Provide the reagents needed to transform the given starting material into the desired product.

Match the functional groups to the correct names.

Which is the stronger acid? Explain briefly.

$$H_2$$
O CH_3 — C —OH water acetic acid

Provide curved arrows for the following proton-transfer reaction.

Determine the direction of the equilibrium (forward or reverse favored?).

What predictions can you make about the relative K_a and pK_a values of the two acids shown below? Justify your answers.