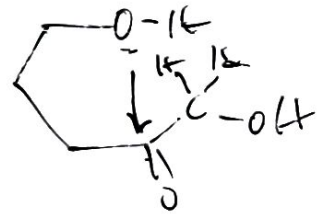
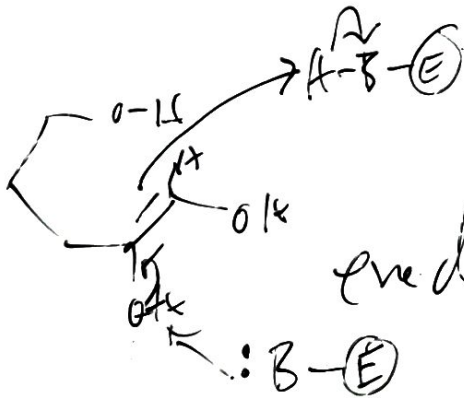
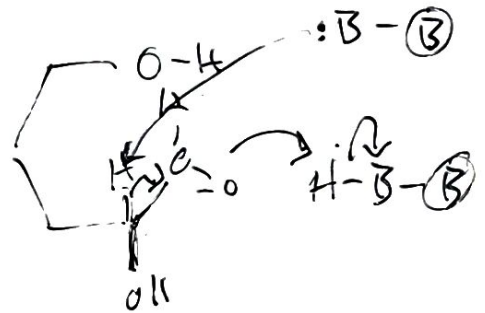
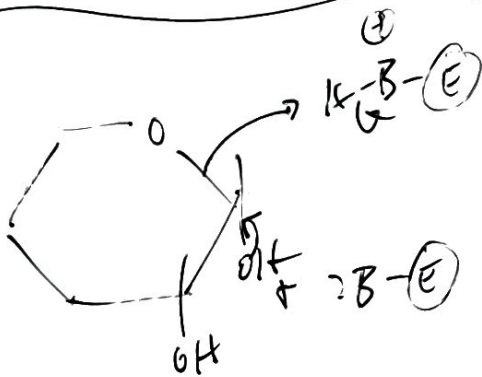
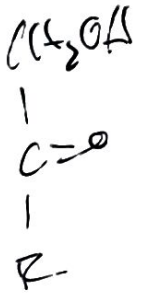
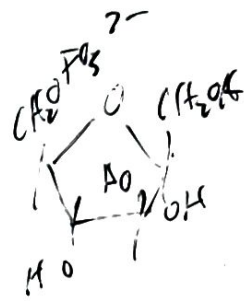
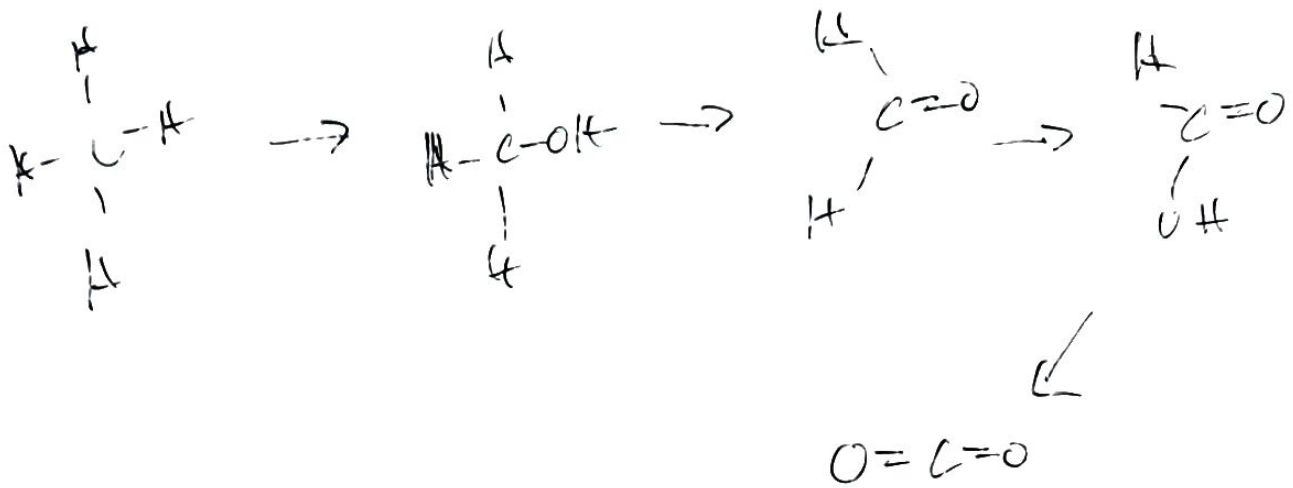


18 Nov CHEM106 #4



enediol



$$\text{GAPDH} = \frac{\Delta G^\circ + 1 \text{ kJ/mol}}{\quad}$$

Coupling: Take 1 unfavorable reaction and follow it with a very favorable reaction  
 is a uniquely biological phenomenon

couples 6 ATP → 4H to the P6K  
 +ΔG very -ΔG