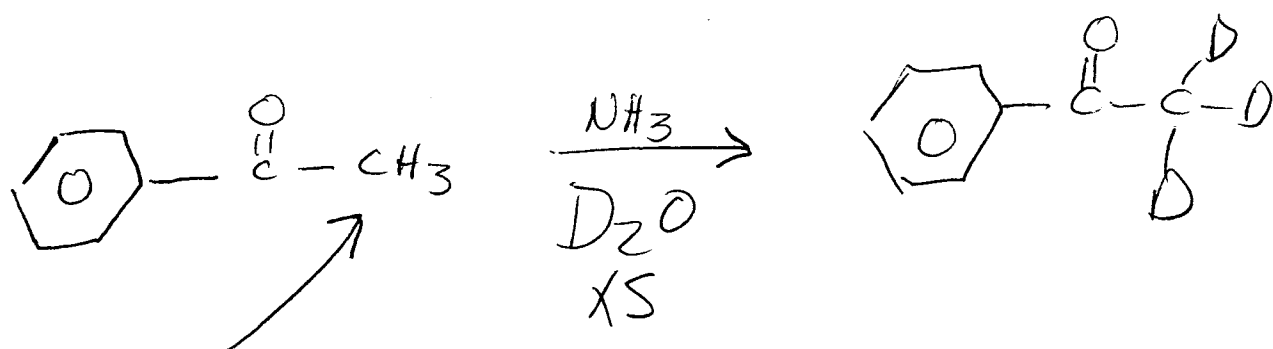


Afternoon

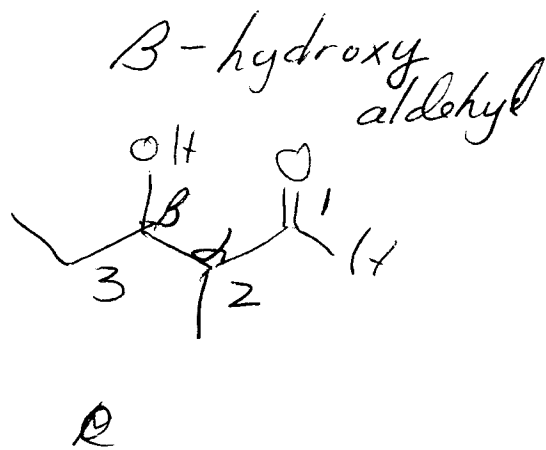
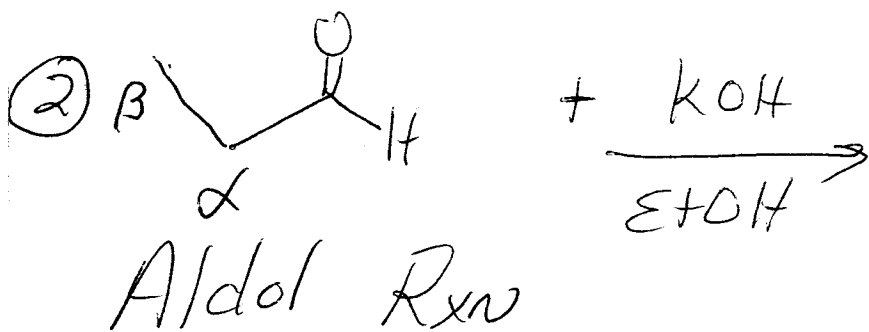
4/06/07

Please attempt the following problems

① Write mechanisms to explain the following reactions

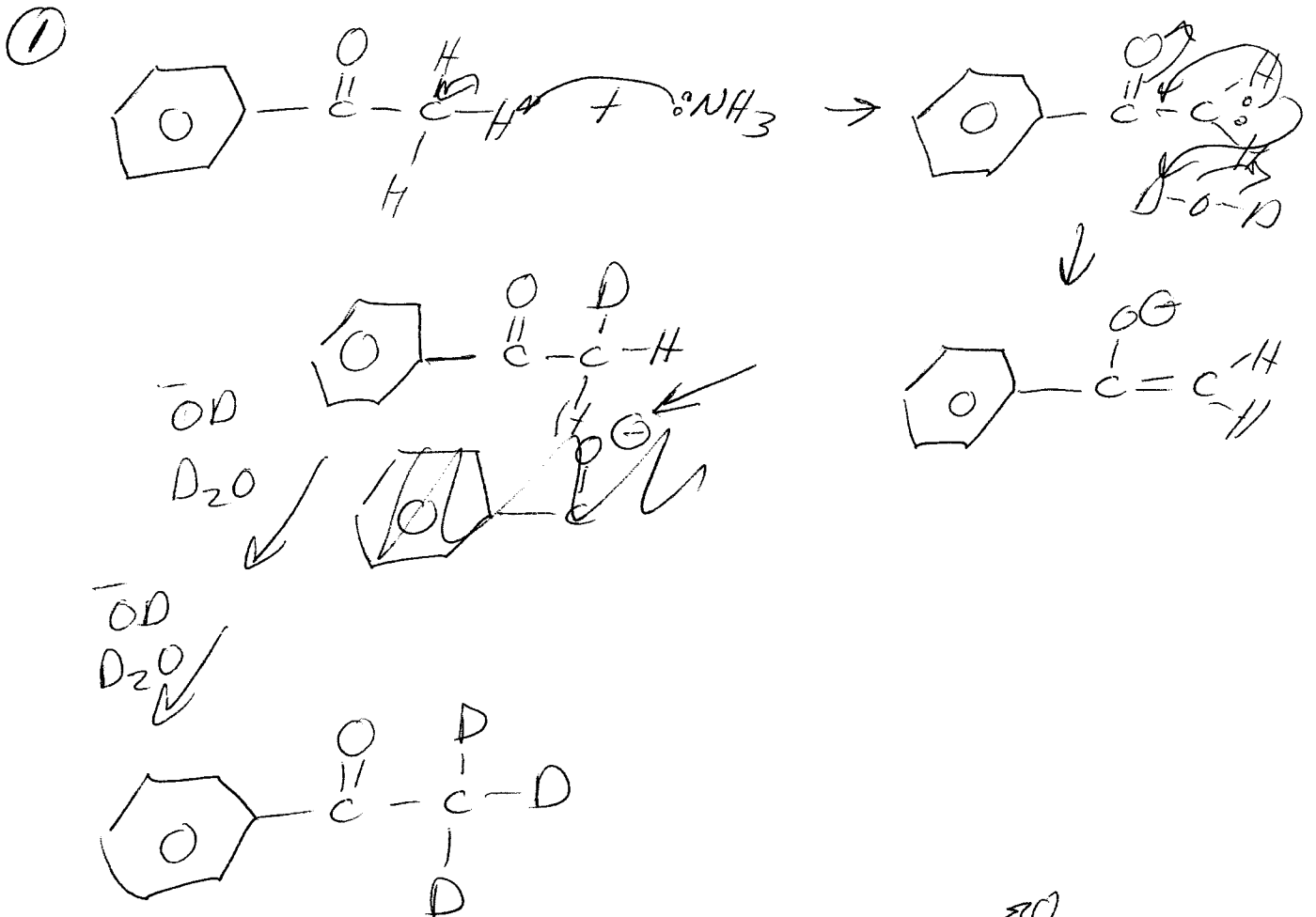


Called the α proton

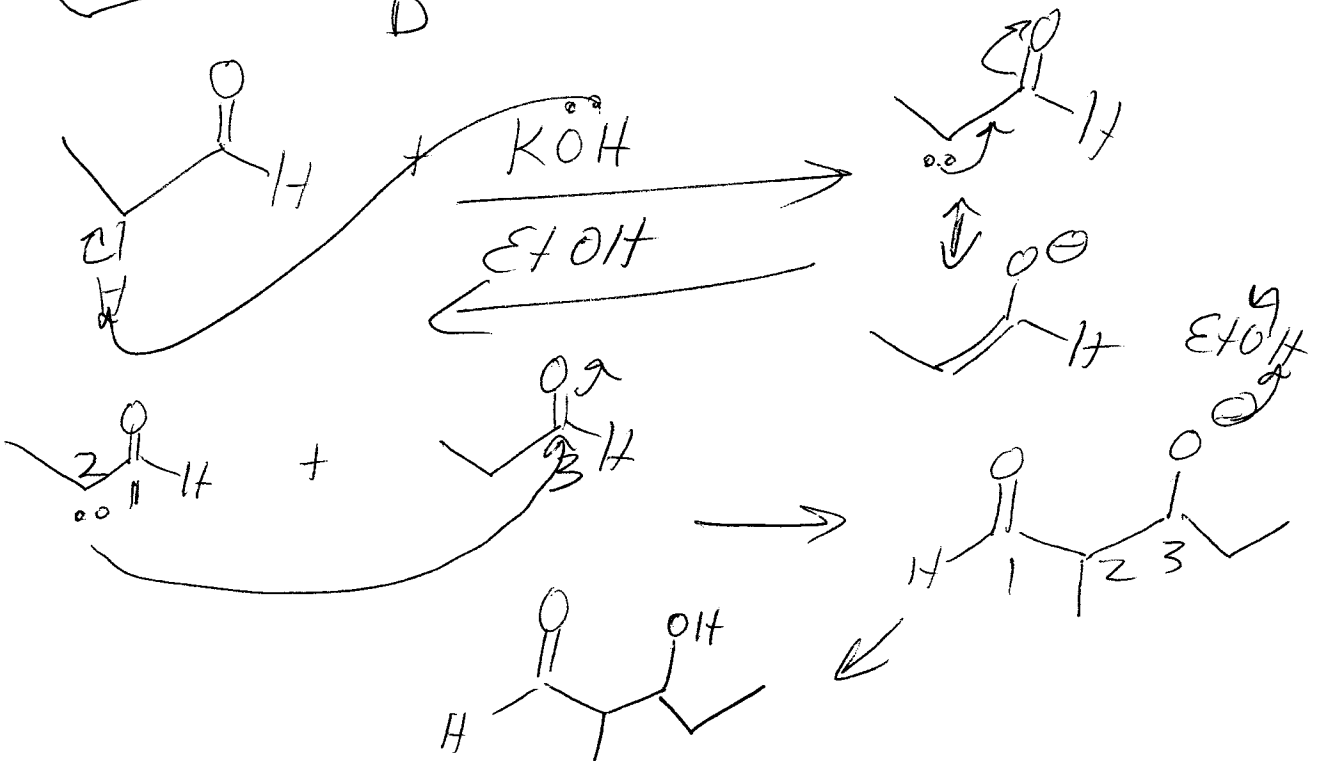


How

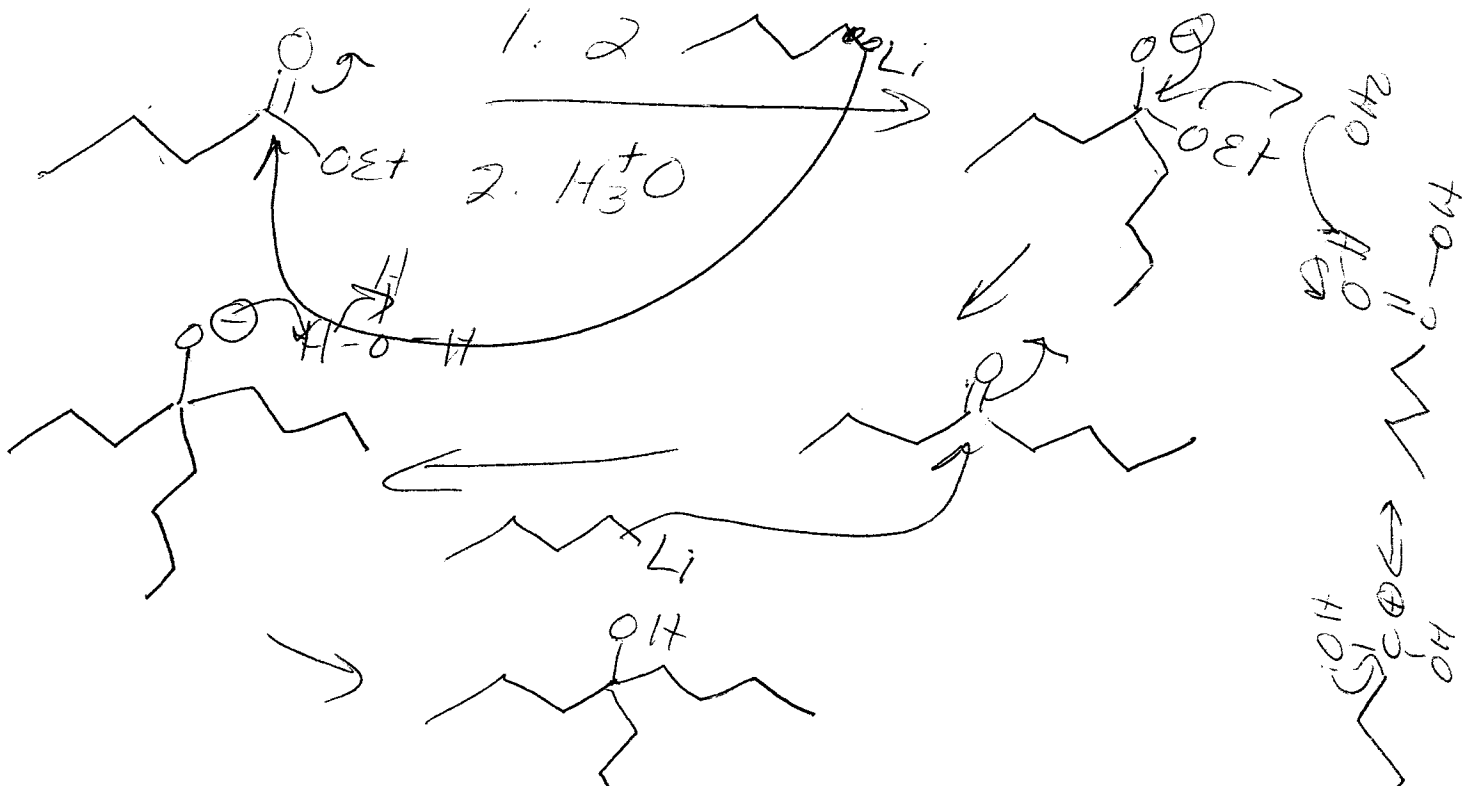
Afternoon 4/6/07



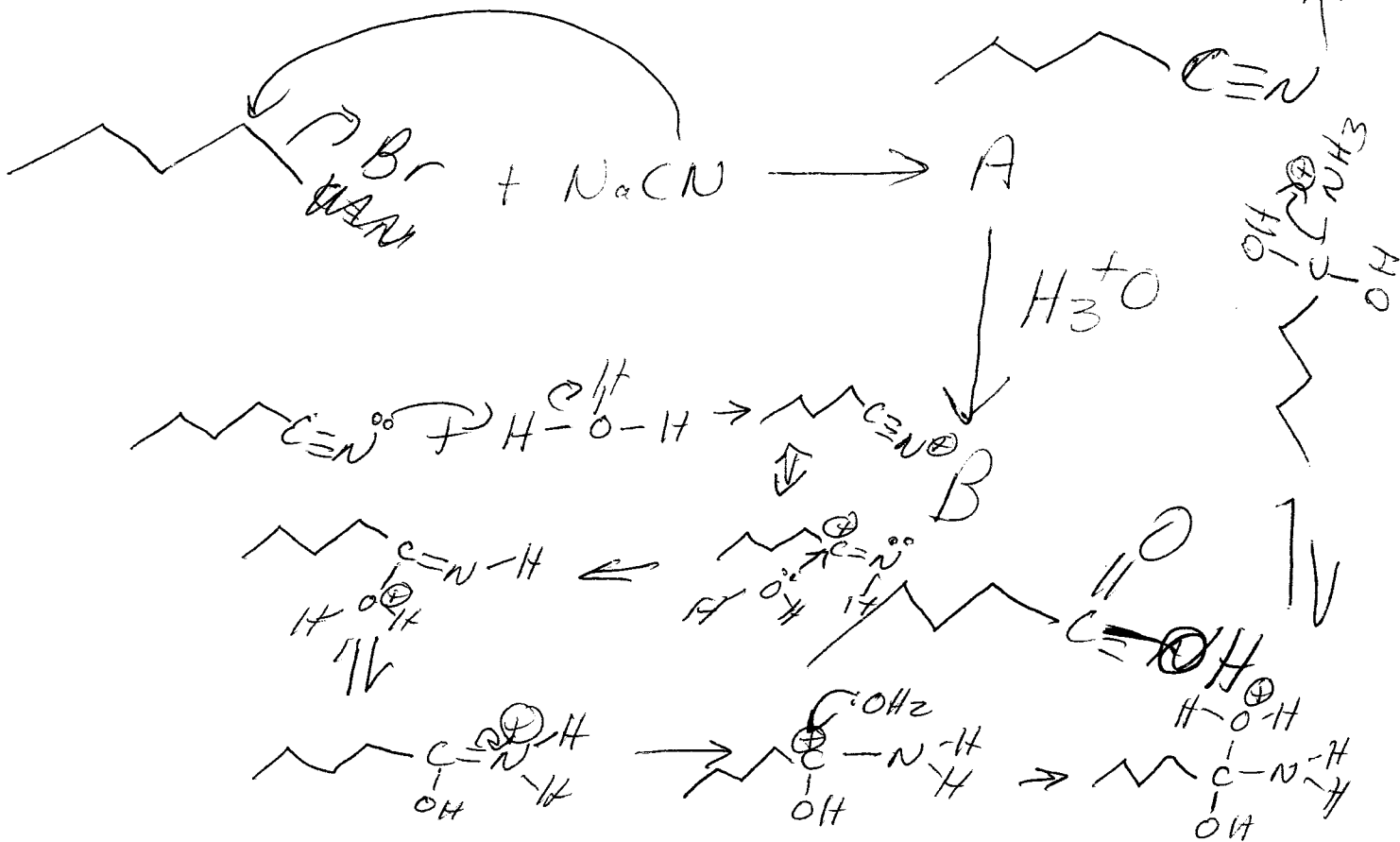
②



3. Write Mechanism and Products

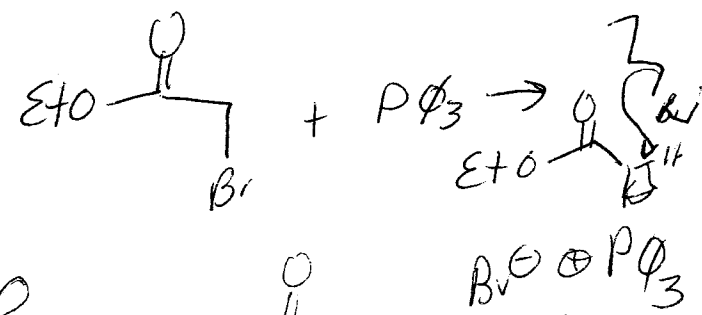
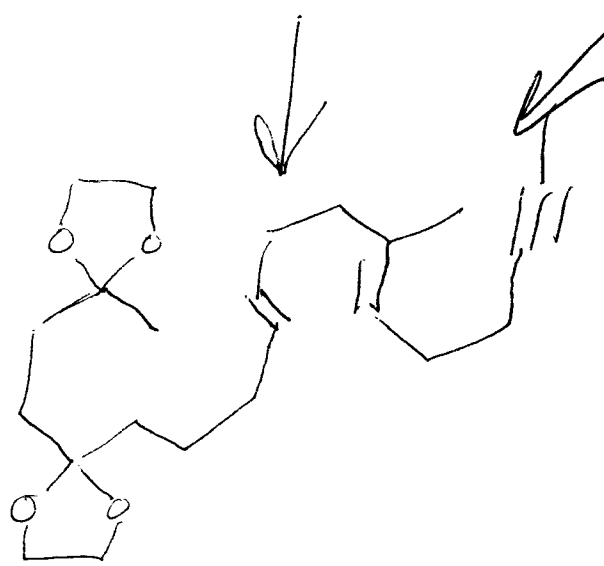
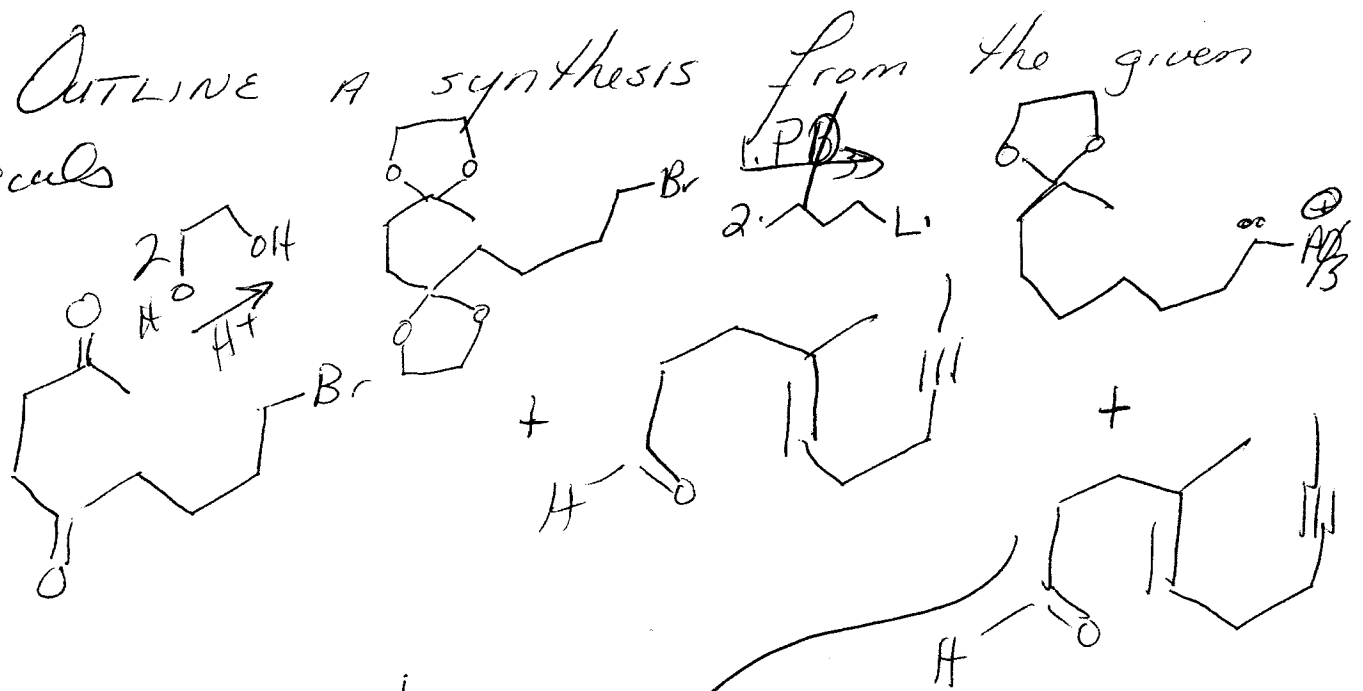


4. Write Products & Mechanisms

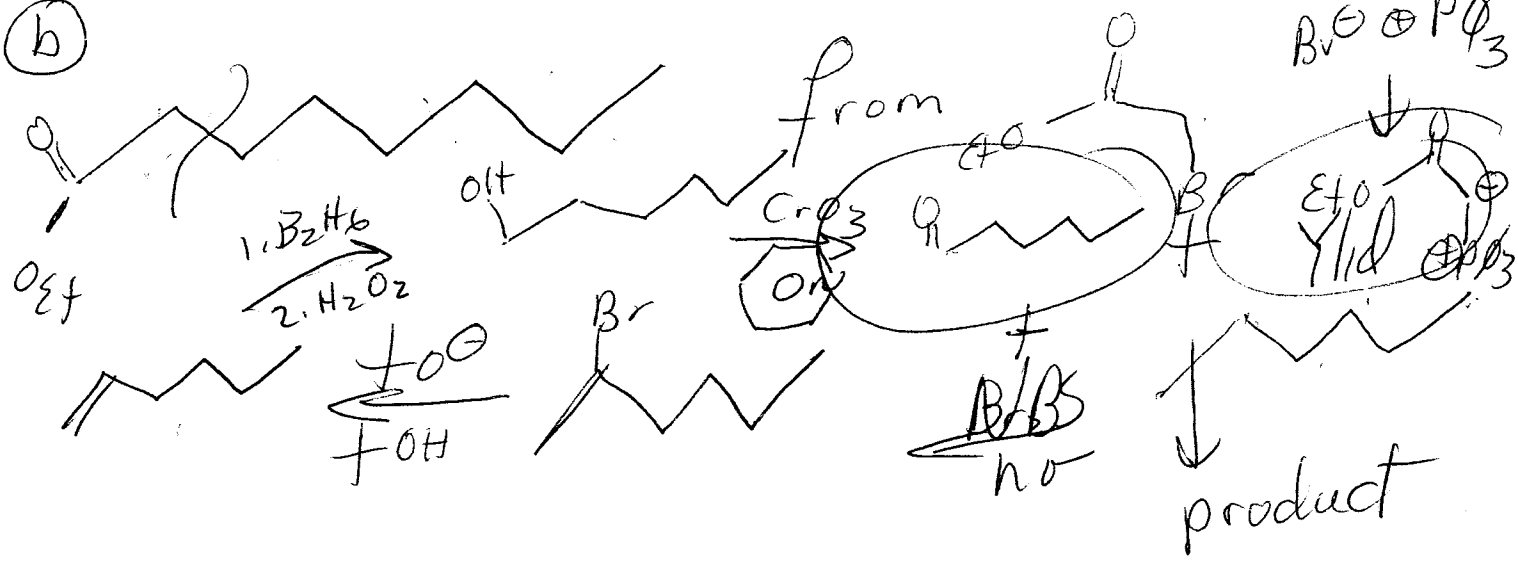


5) Outline a synthesis from the given molecules

a)

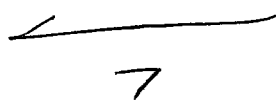
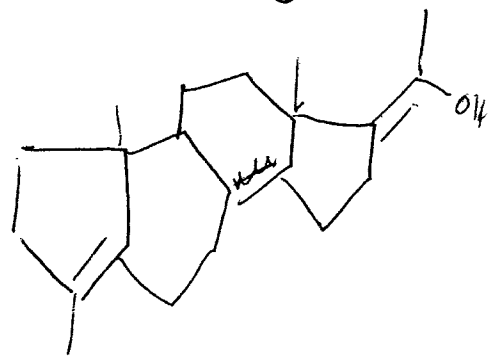
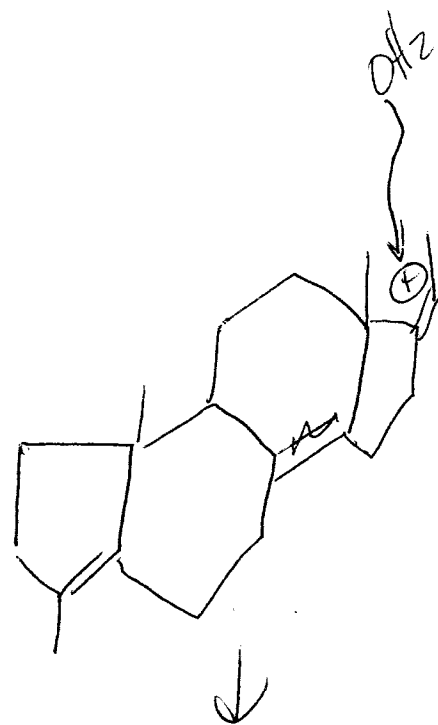
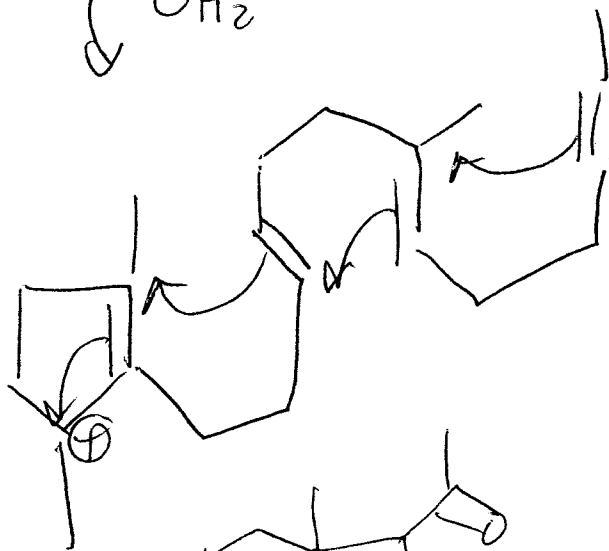
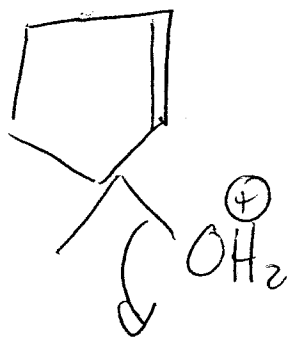
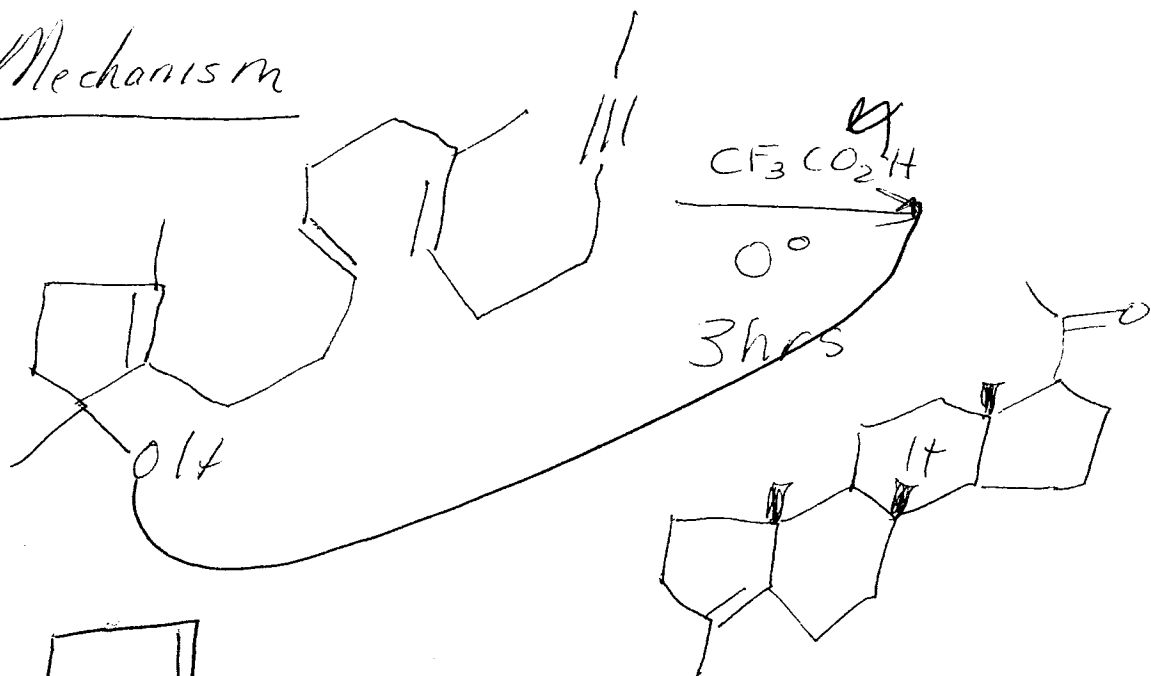


b)



6

Mechanism



7
Automerize