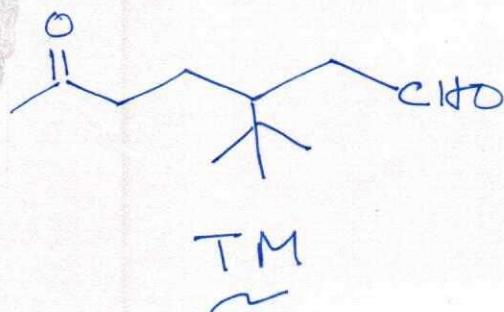
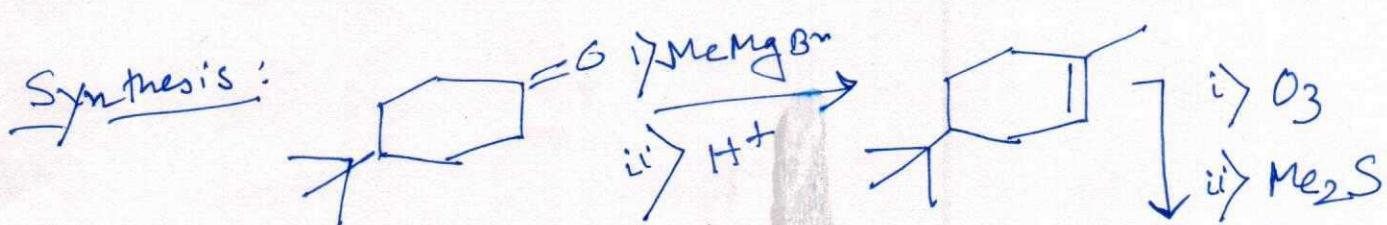
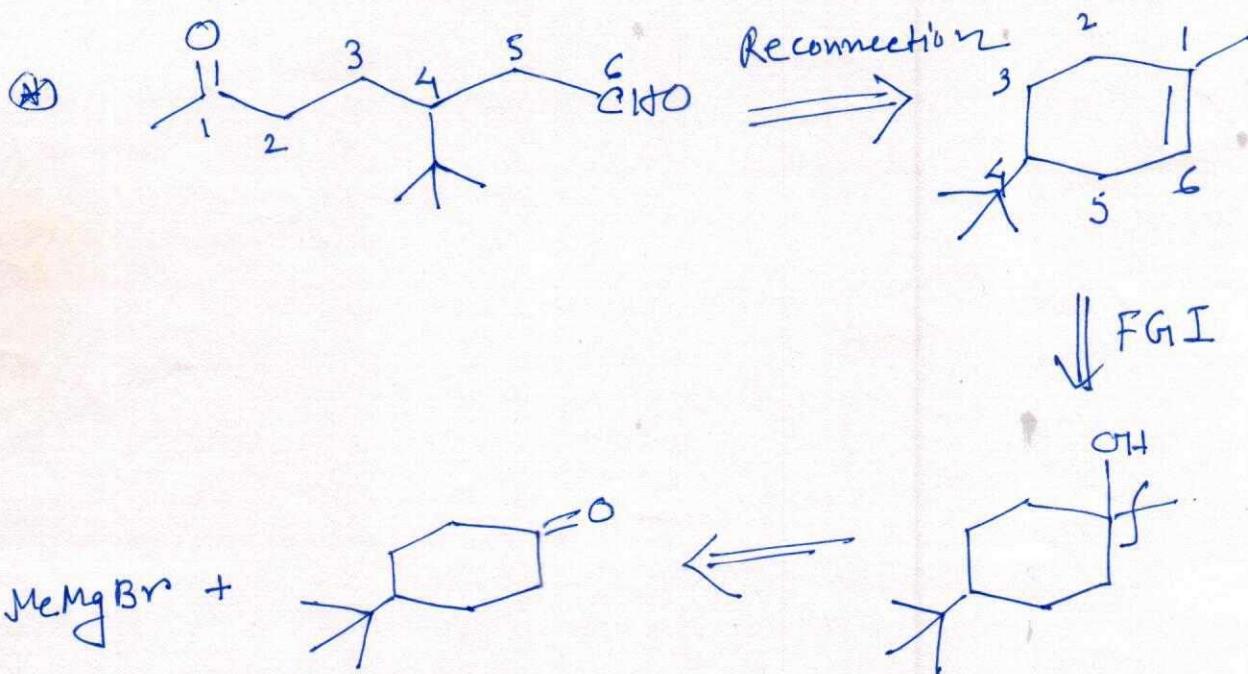
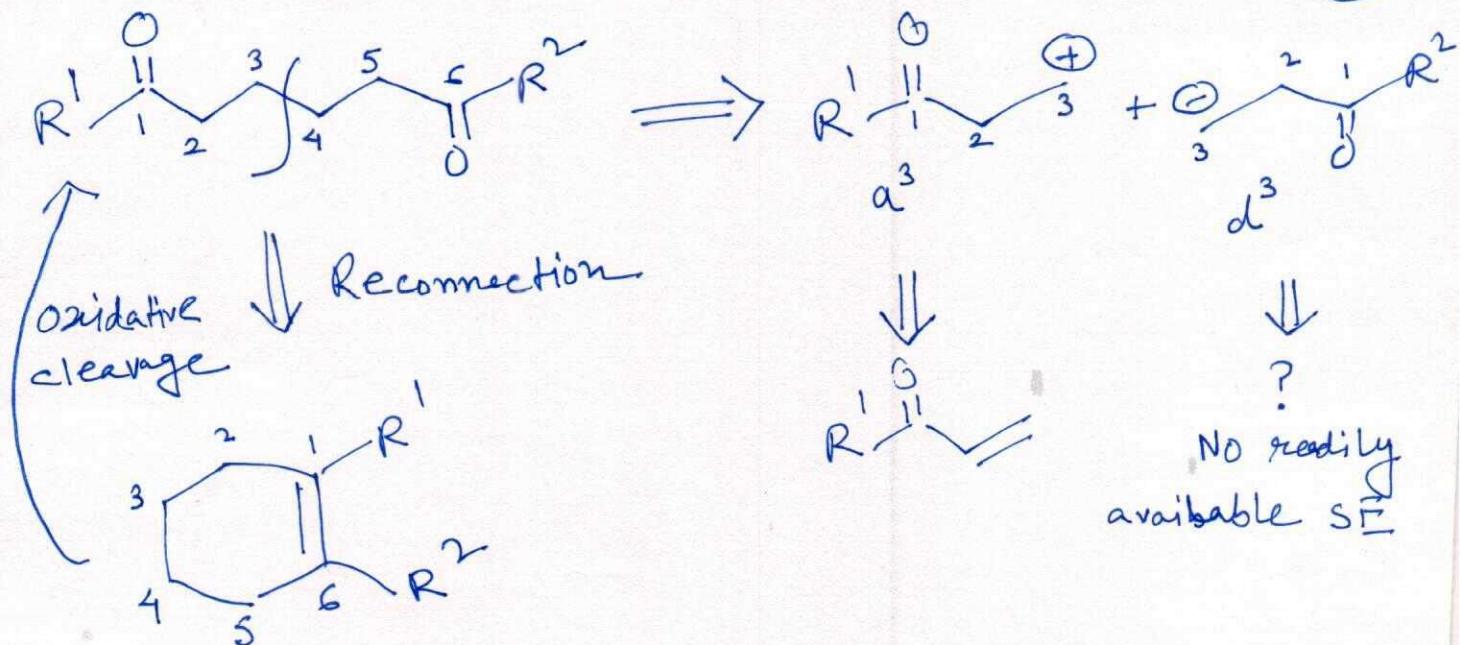
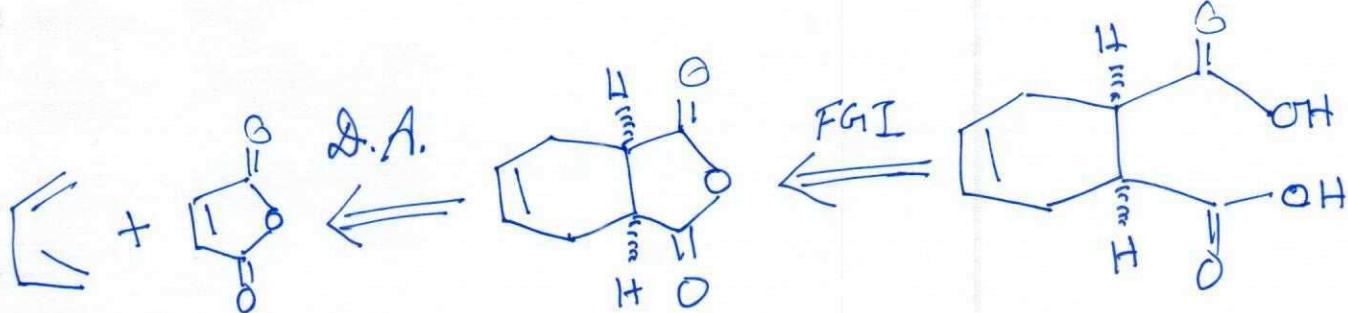
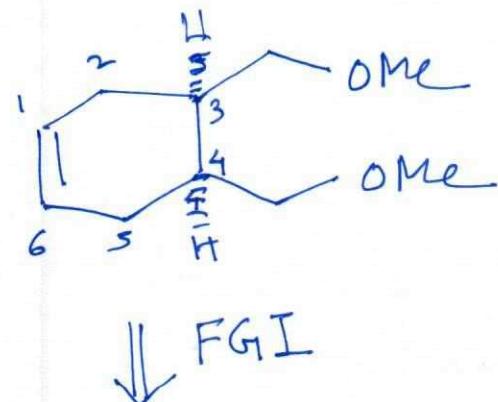
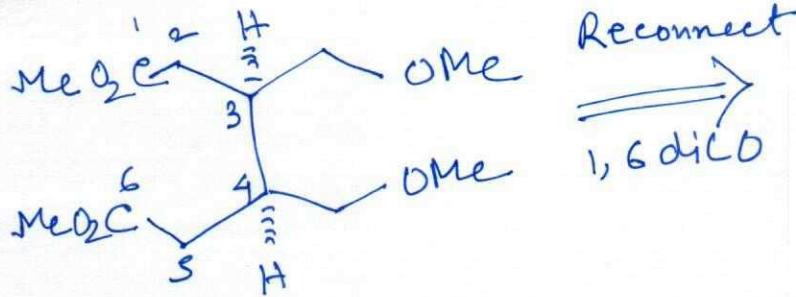
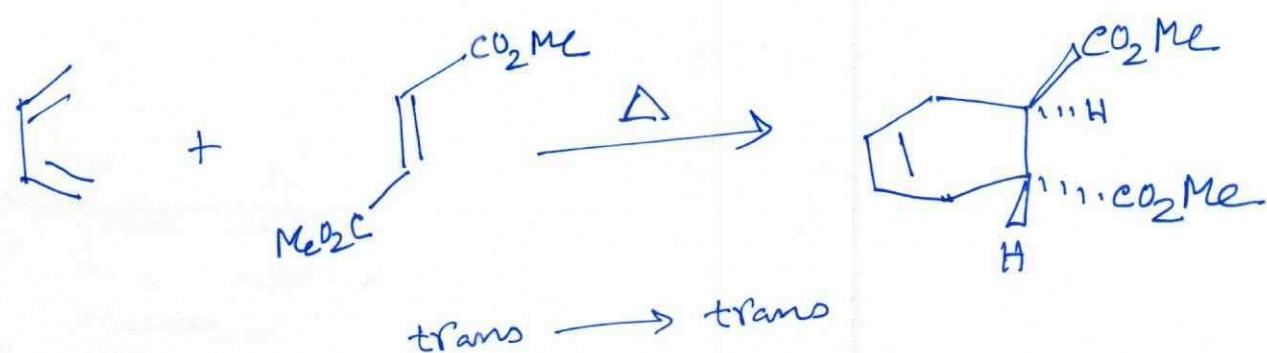
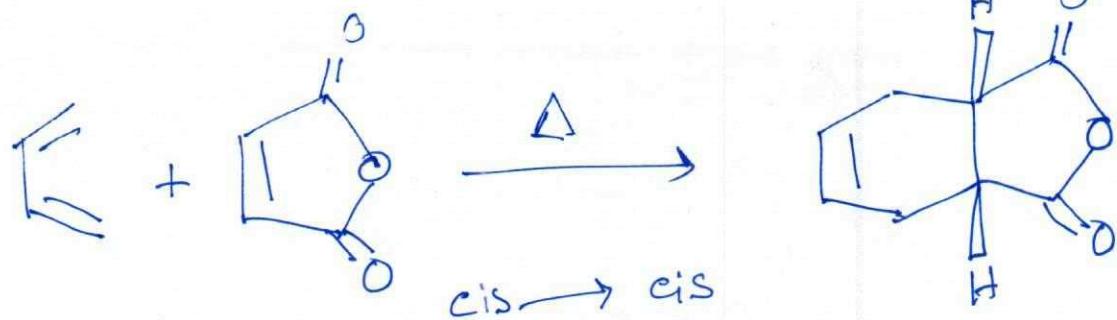
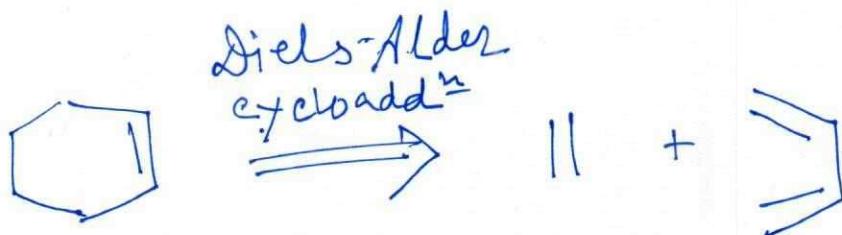
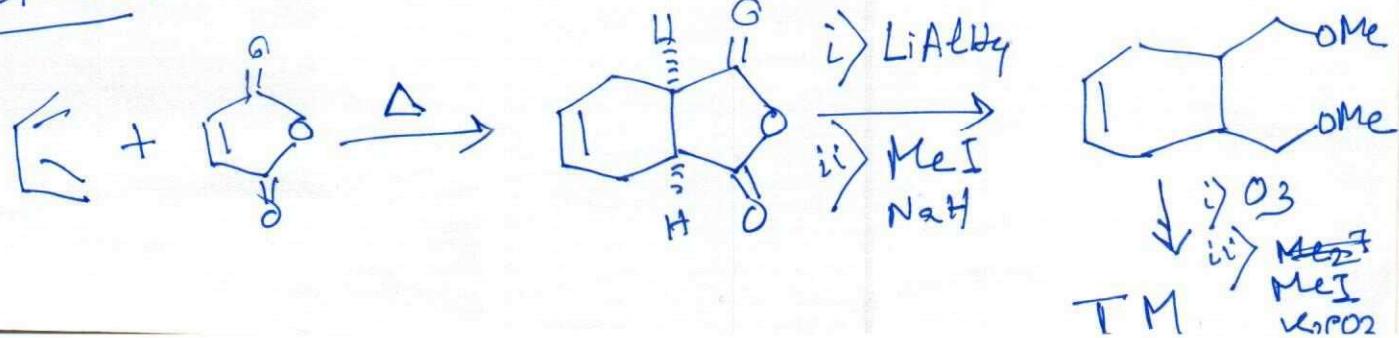


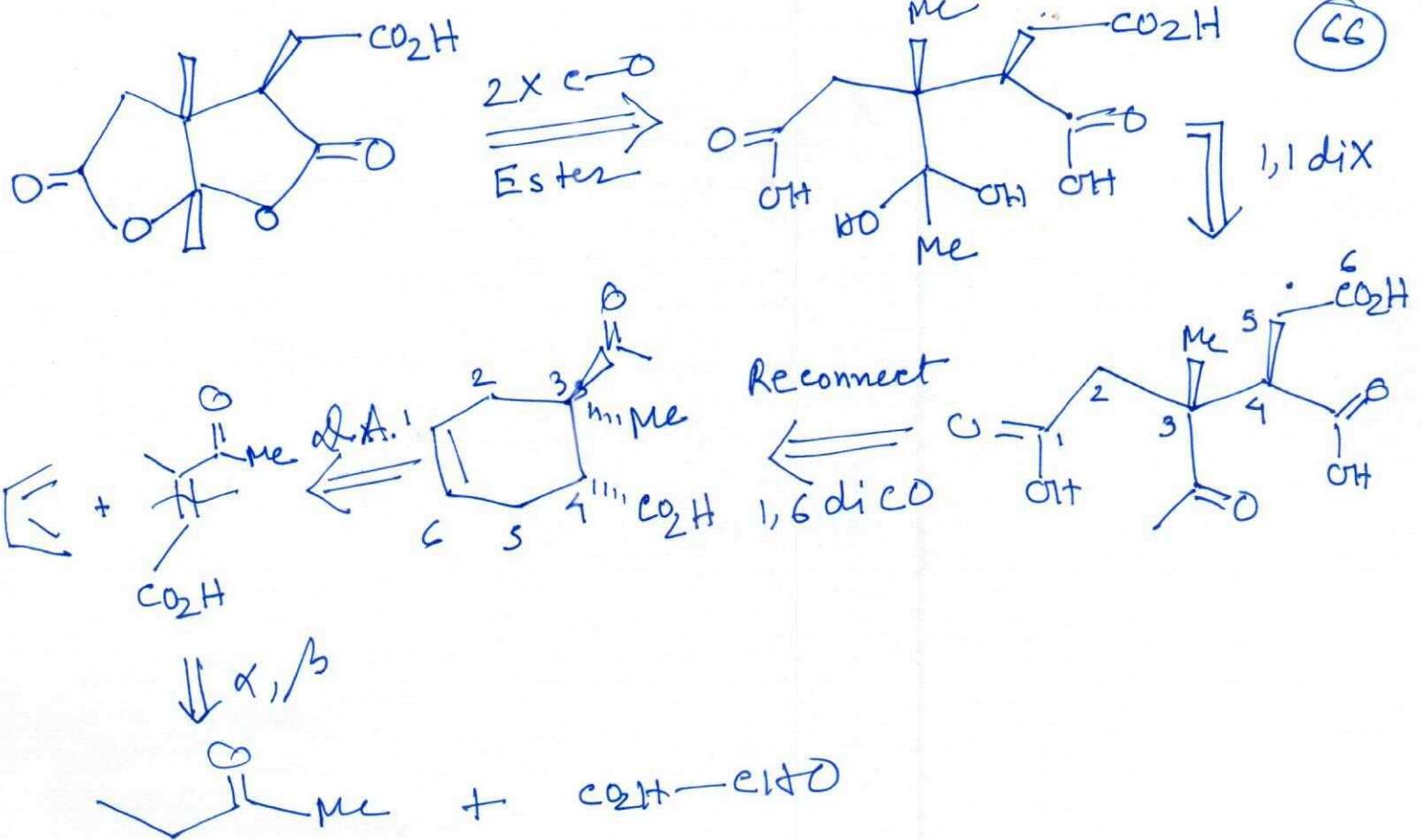
1,6-Di functionalized compounds:

(64)

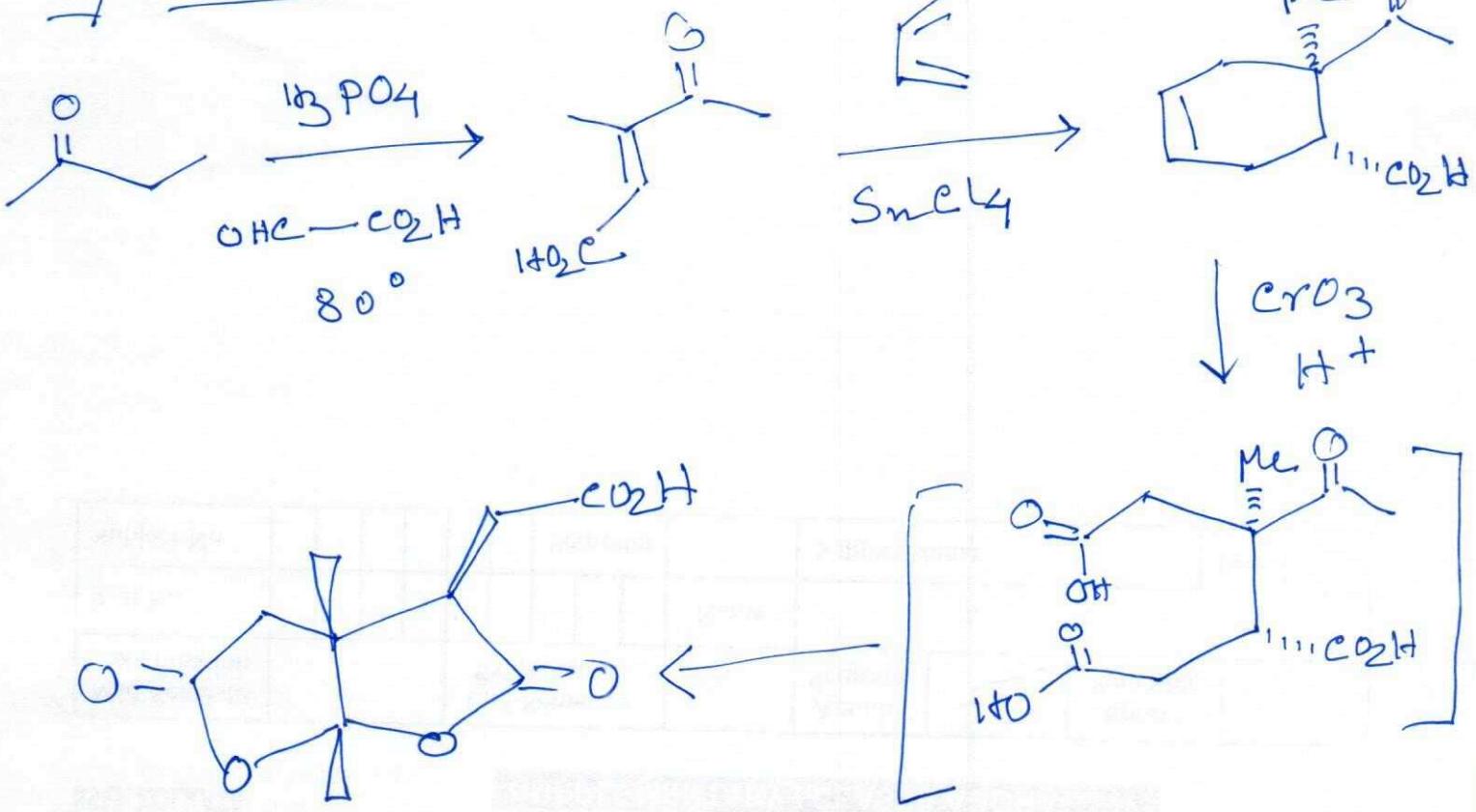


65

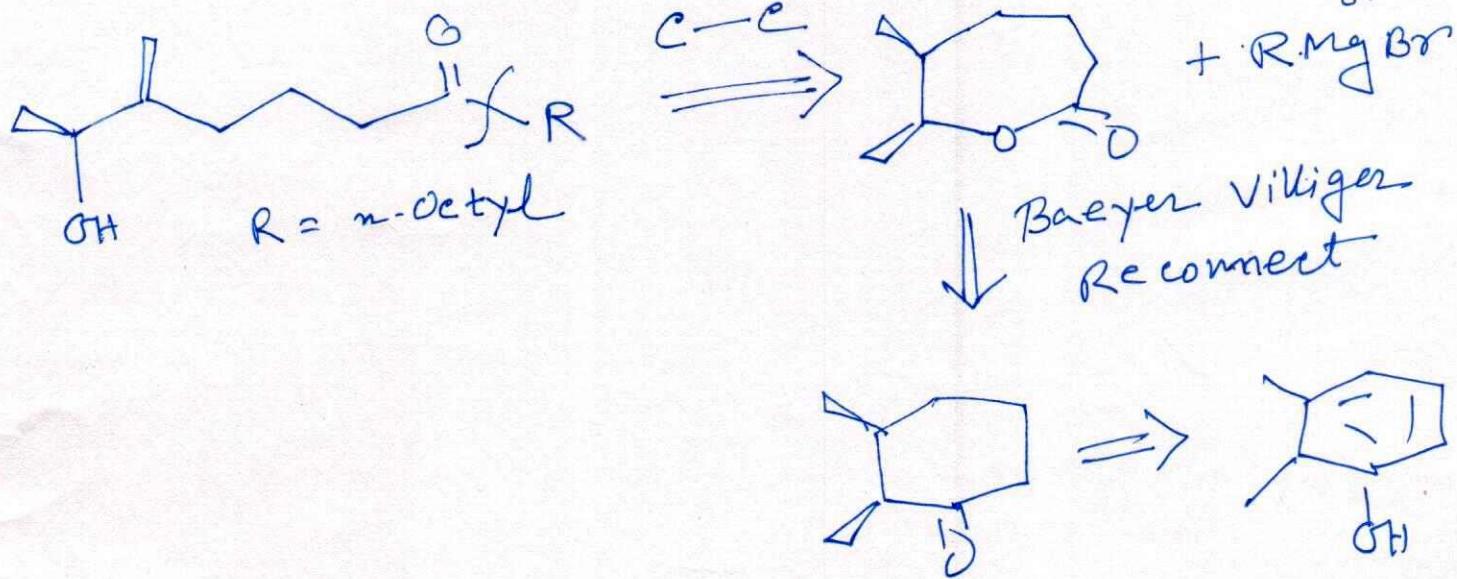
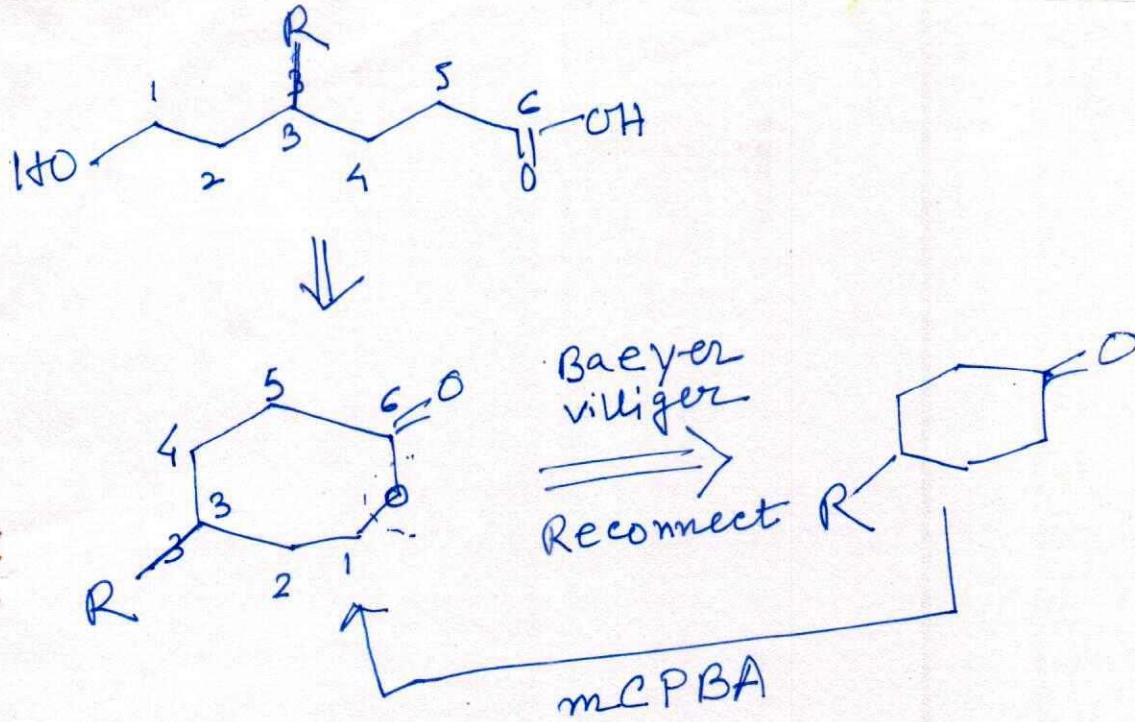
Synthesis:



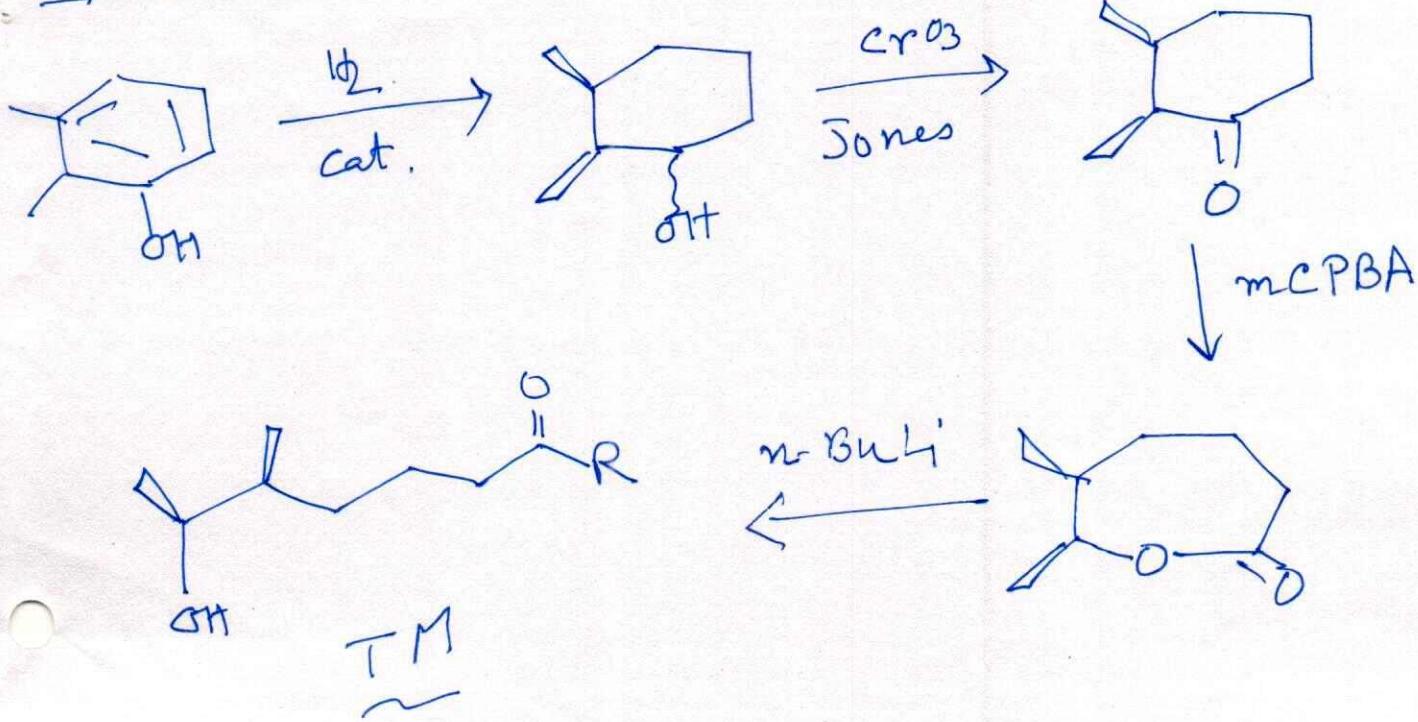
Synthesis:



67

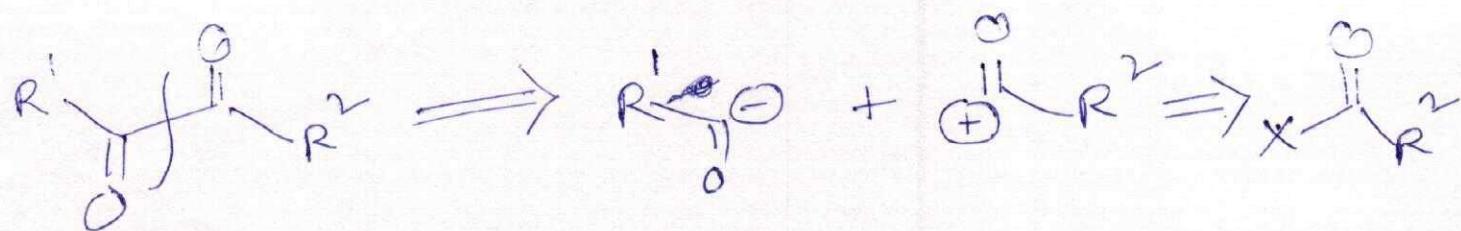


Synthesis:

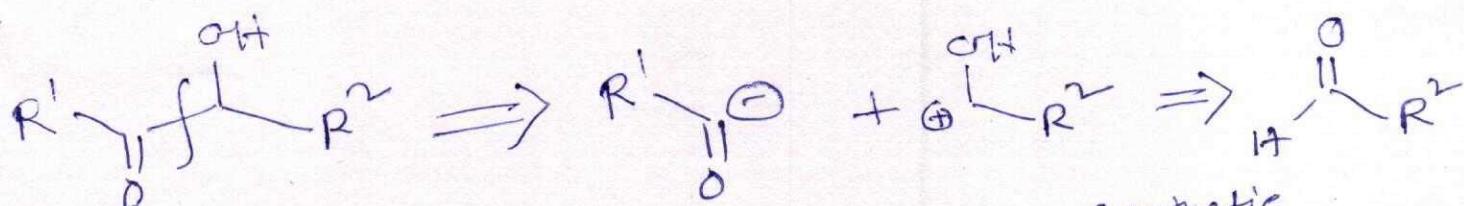


1,2-Difunctionalized Compounds:

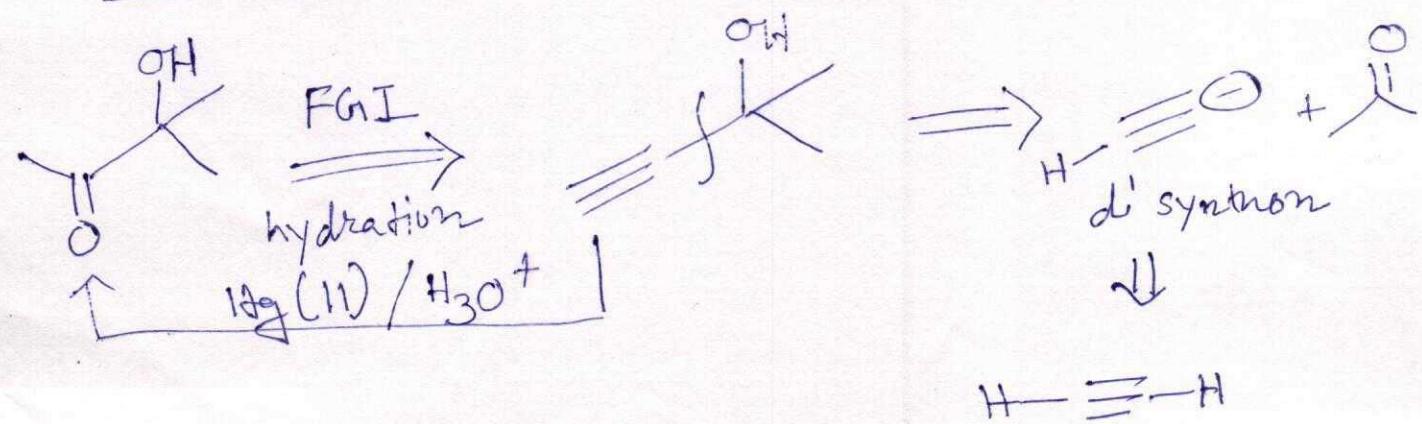
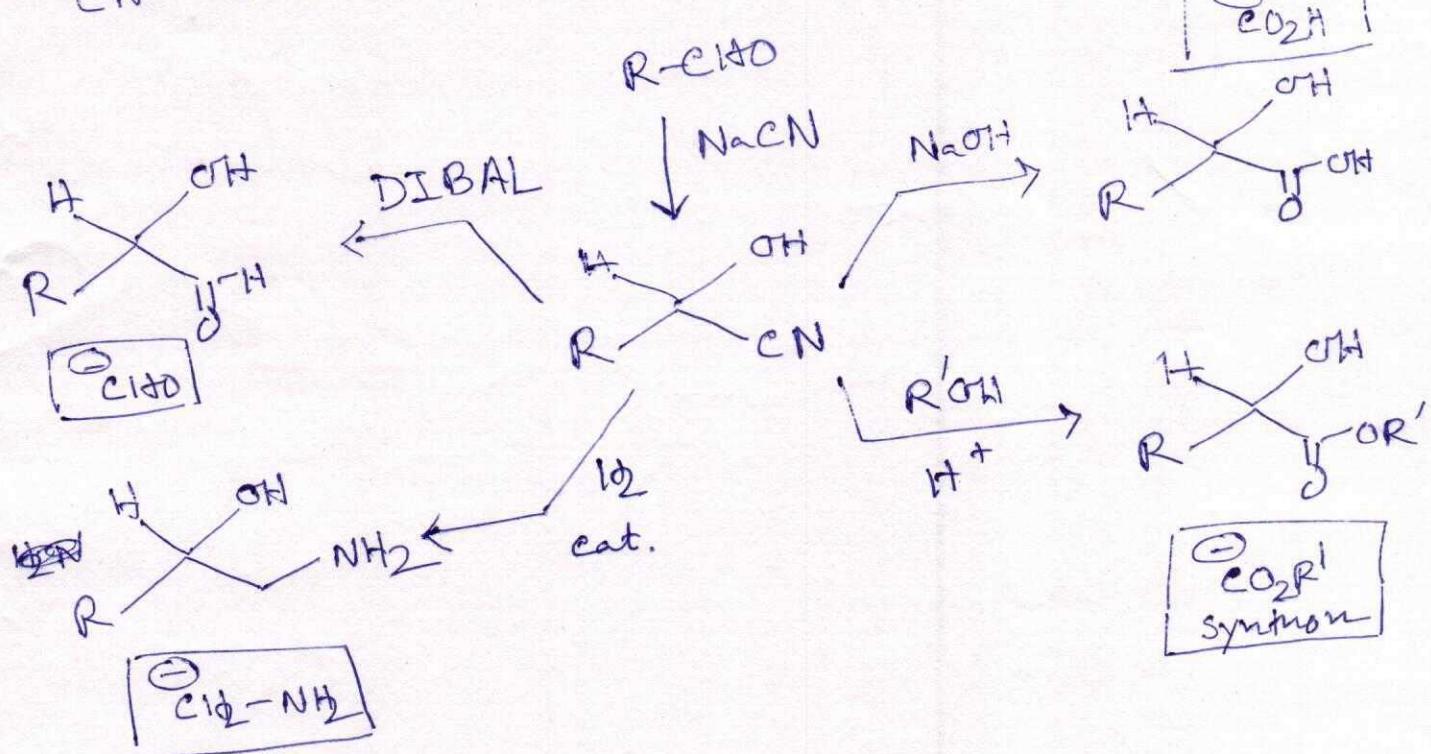
(68)



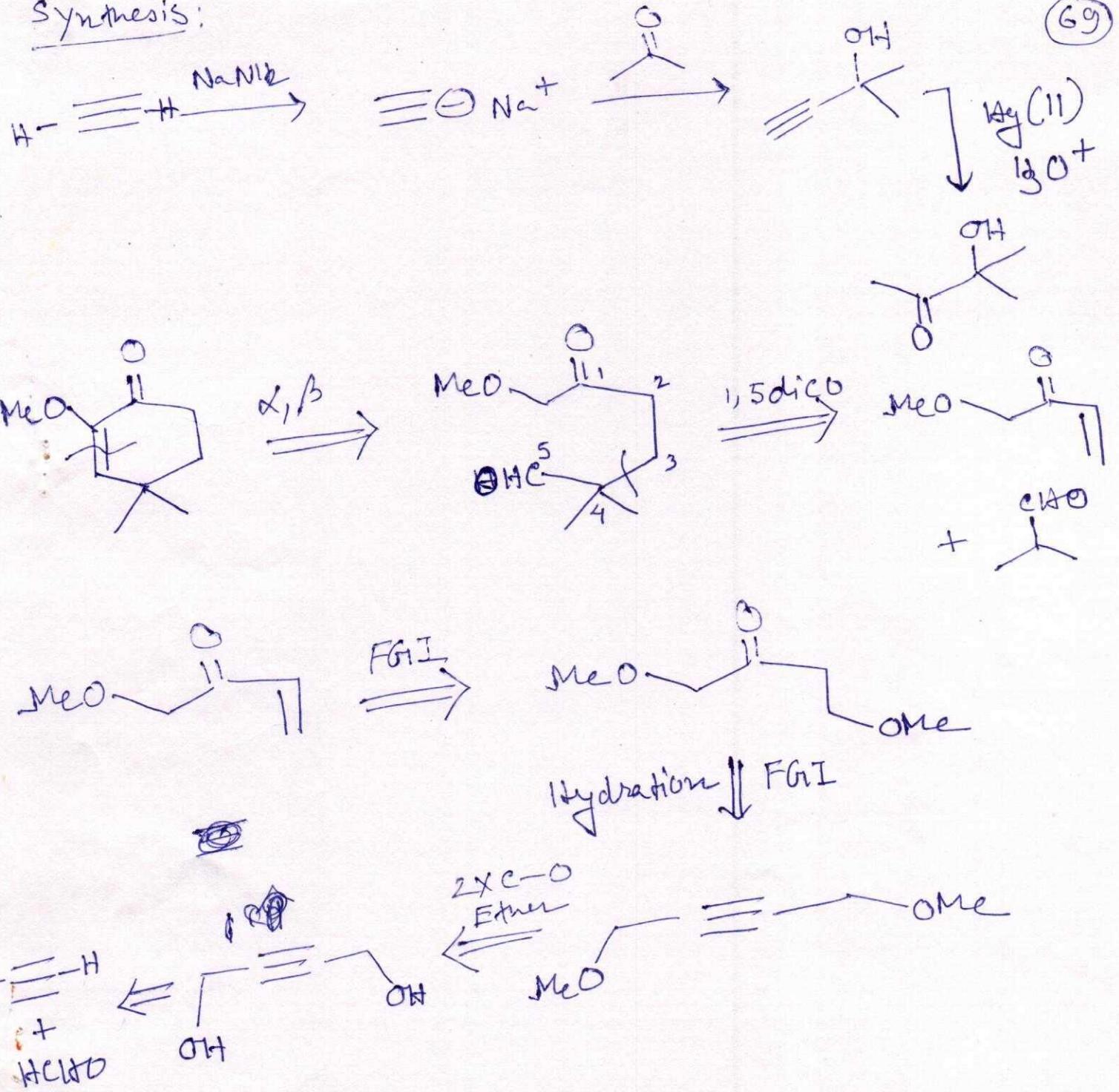
Acyl anion synthon



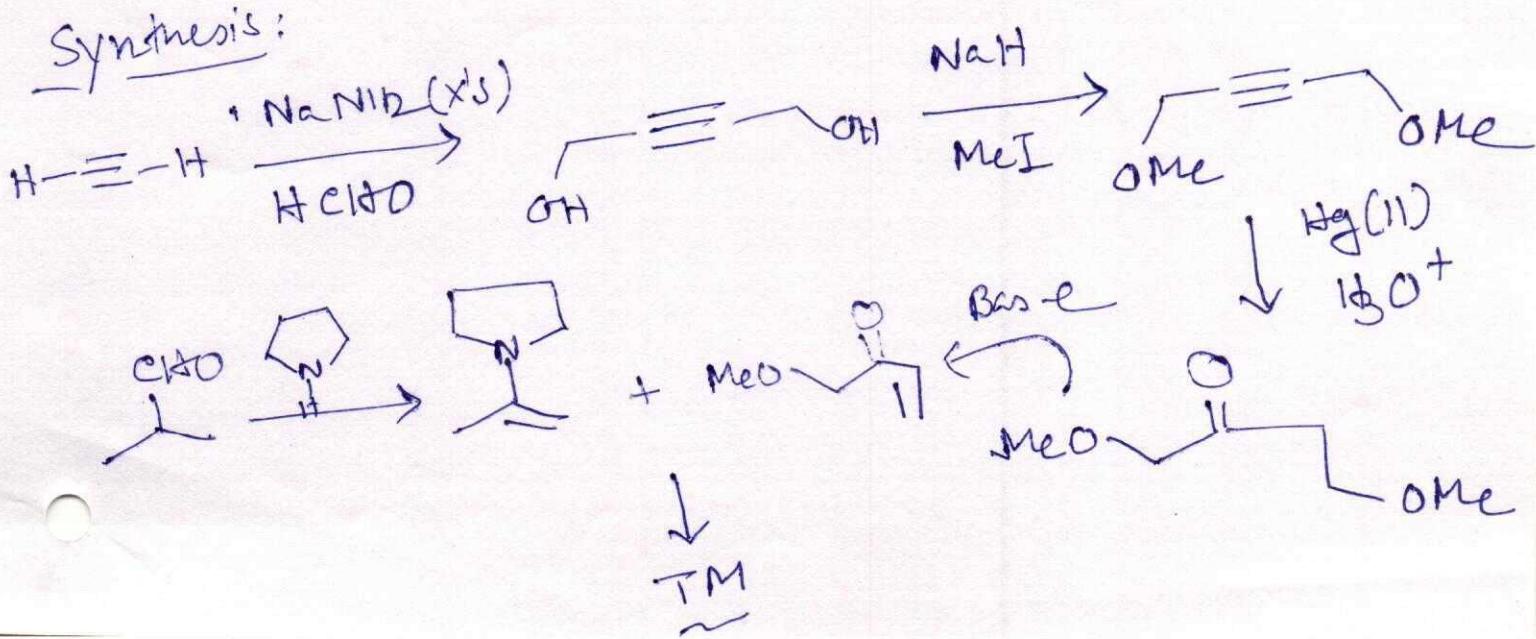
CN^- is the simplest acyl anion equivalent



Synthesis:

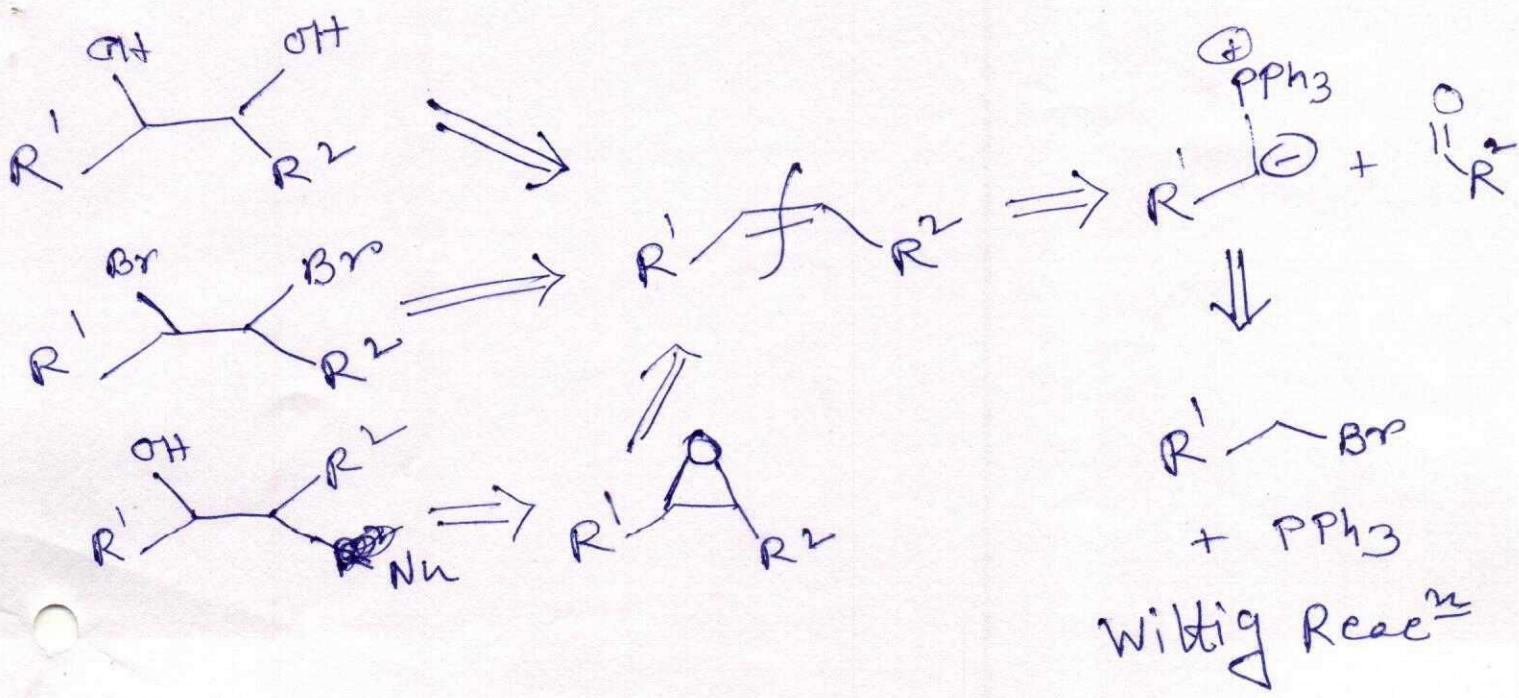
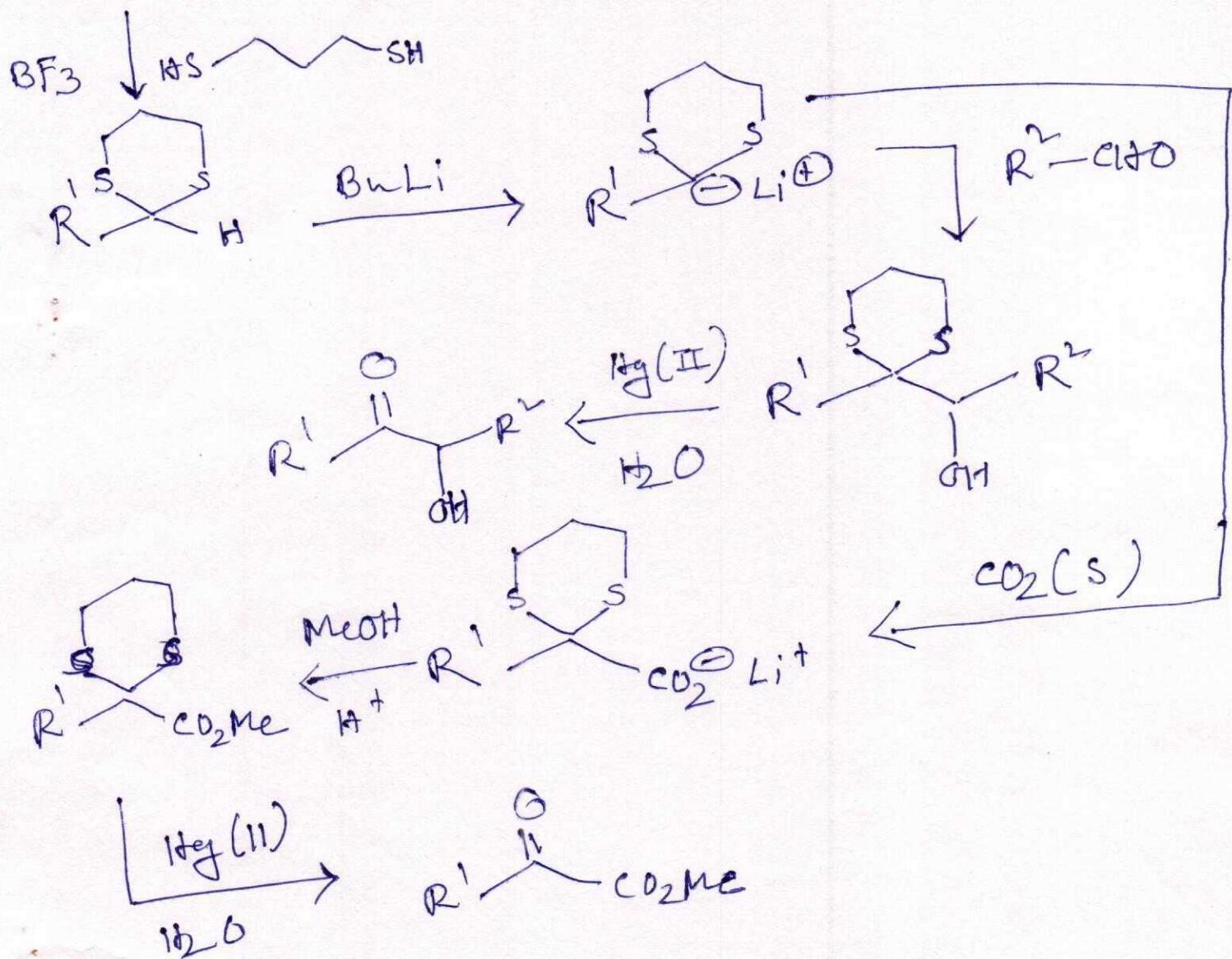
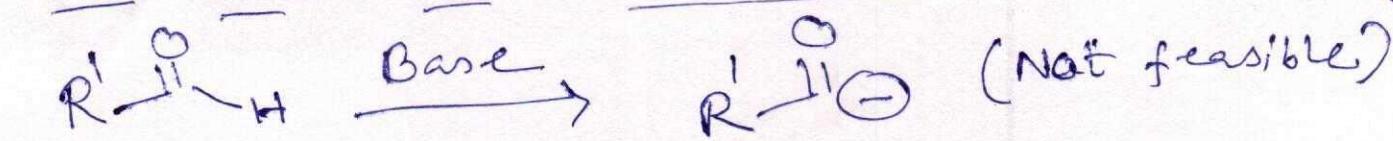


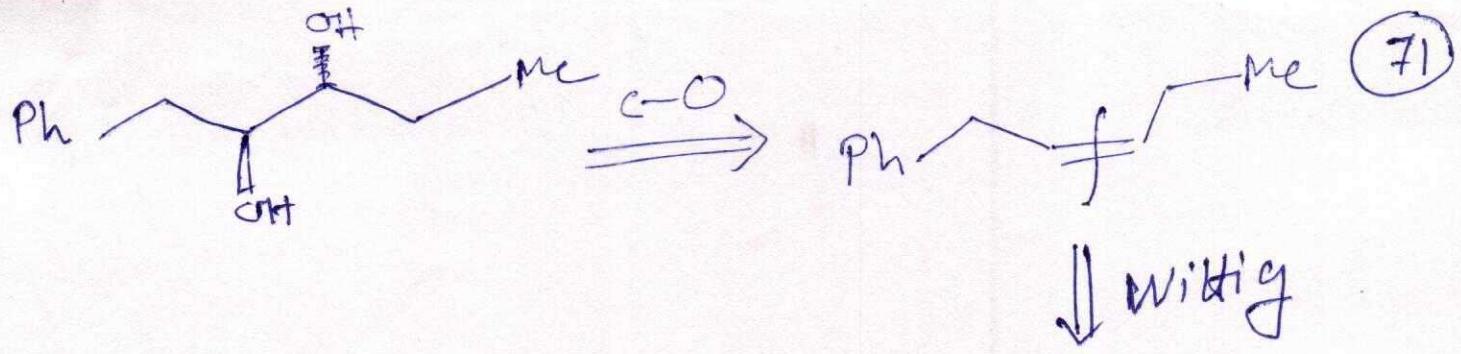
Synthesis:



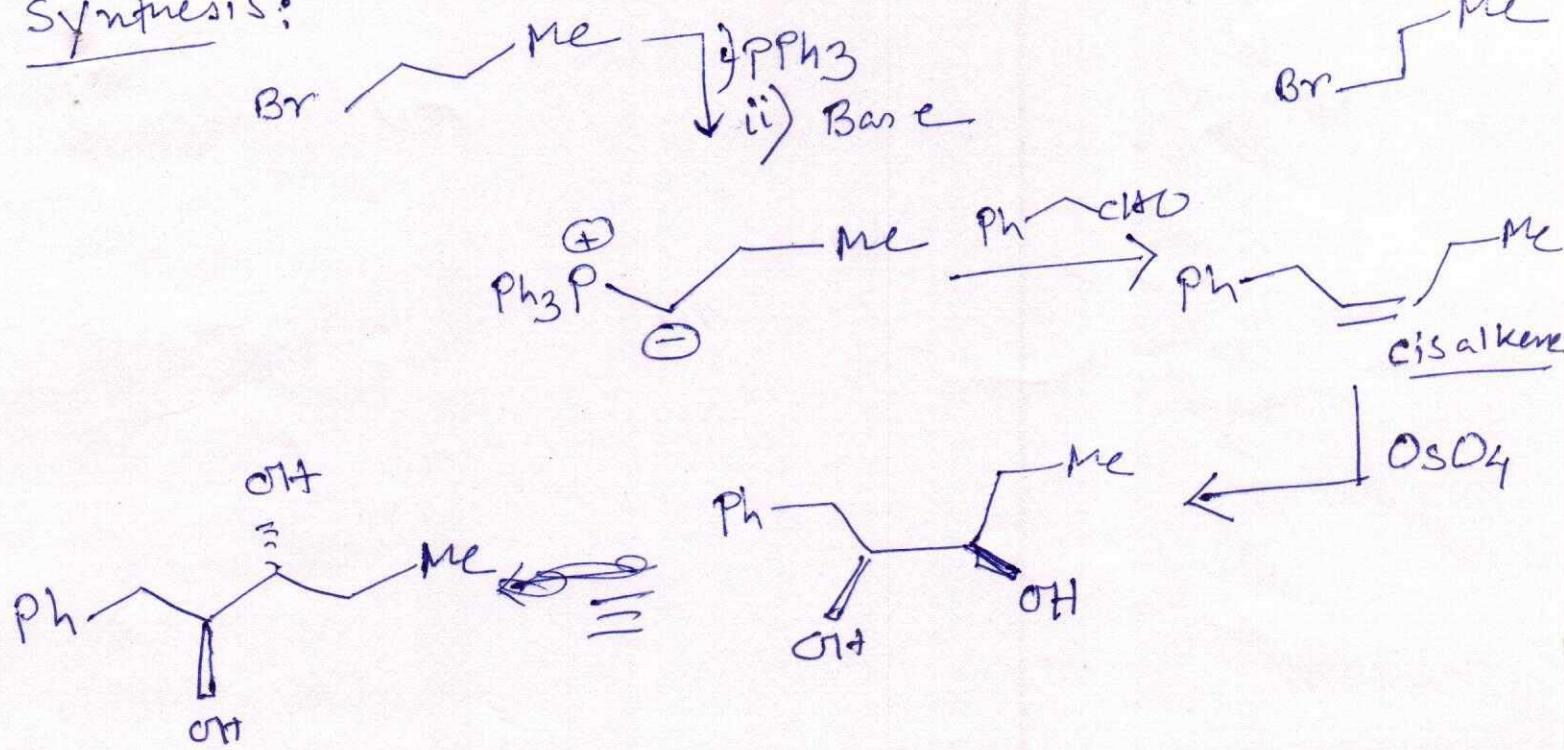
Other Acyl anion equivalent:

(70)



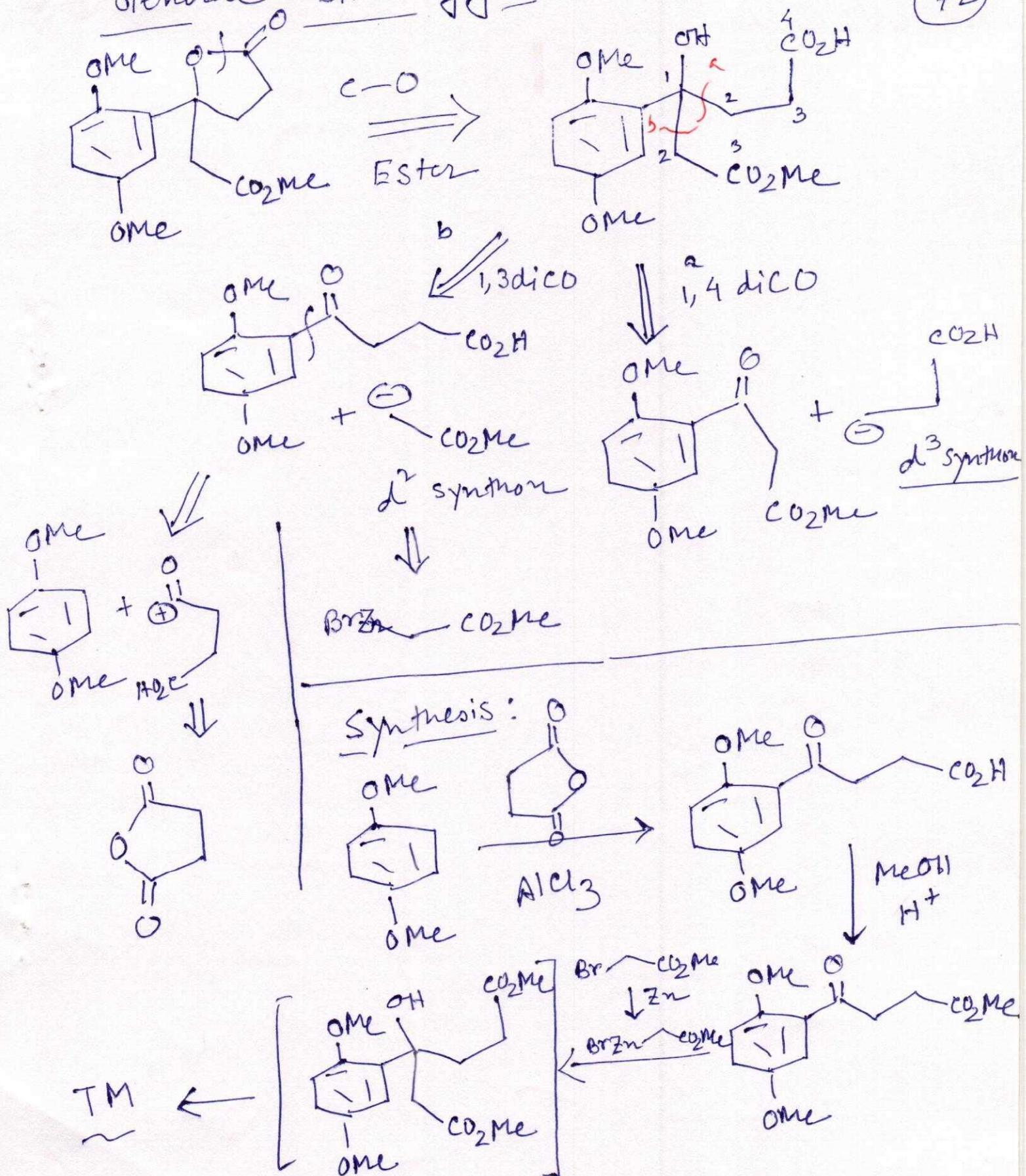


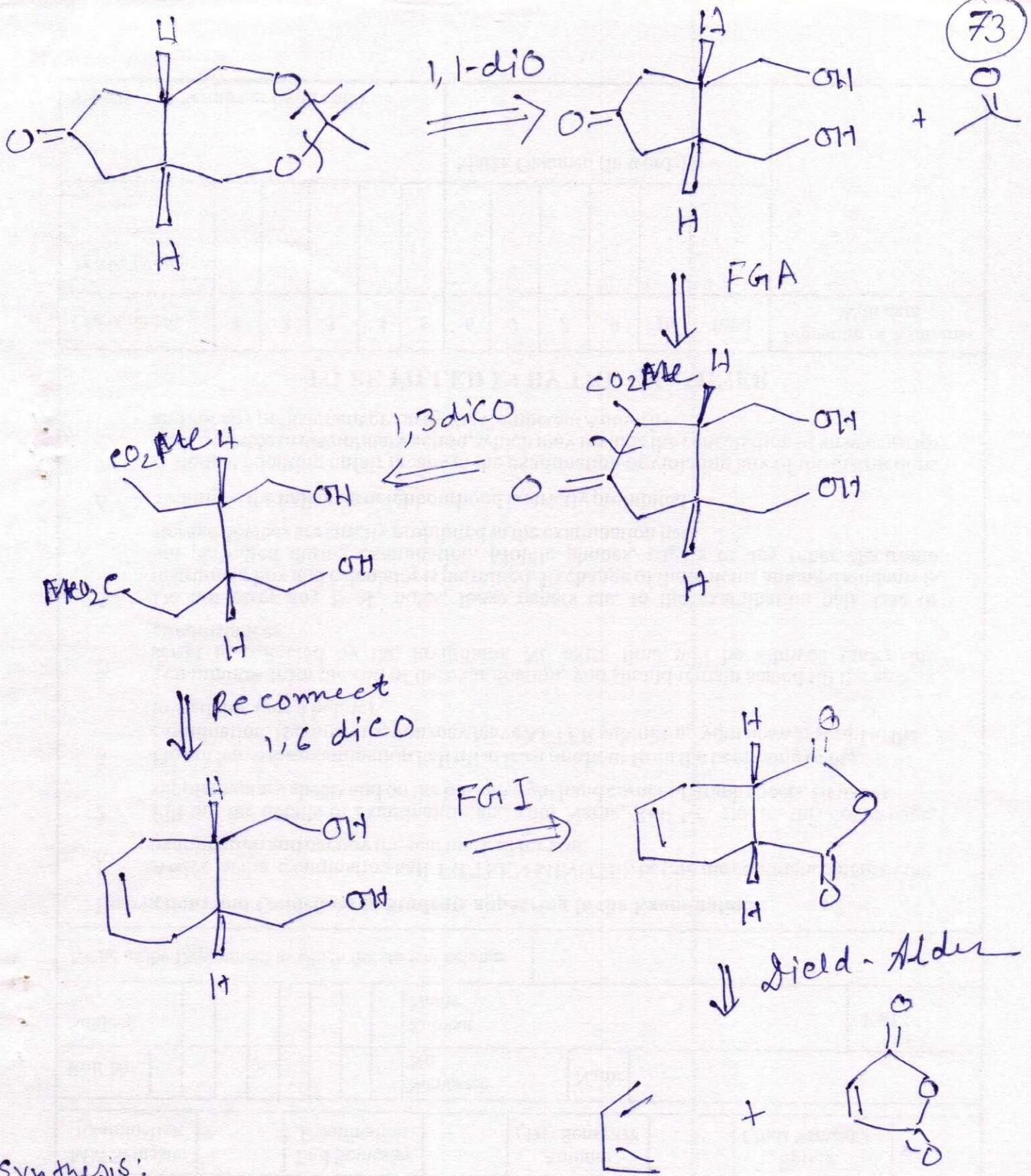
Synthesis:



(72)

General Strategy -



Synthesis: