

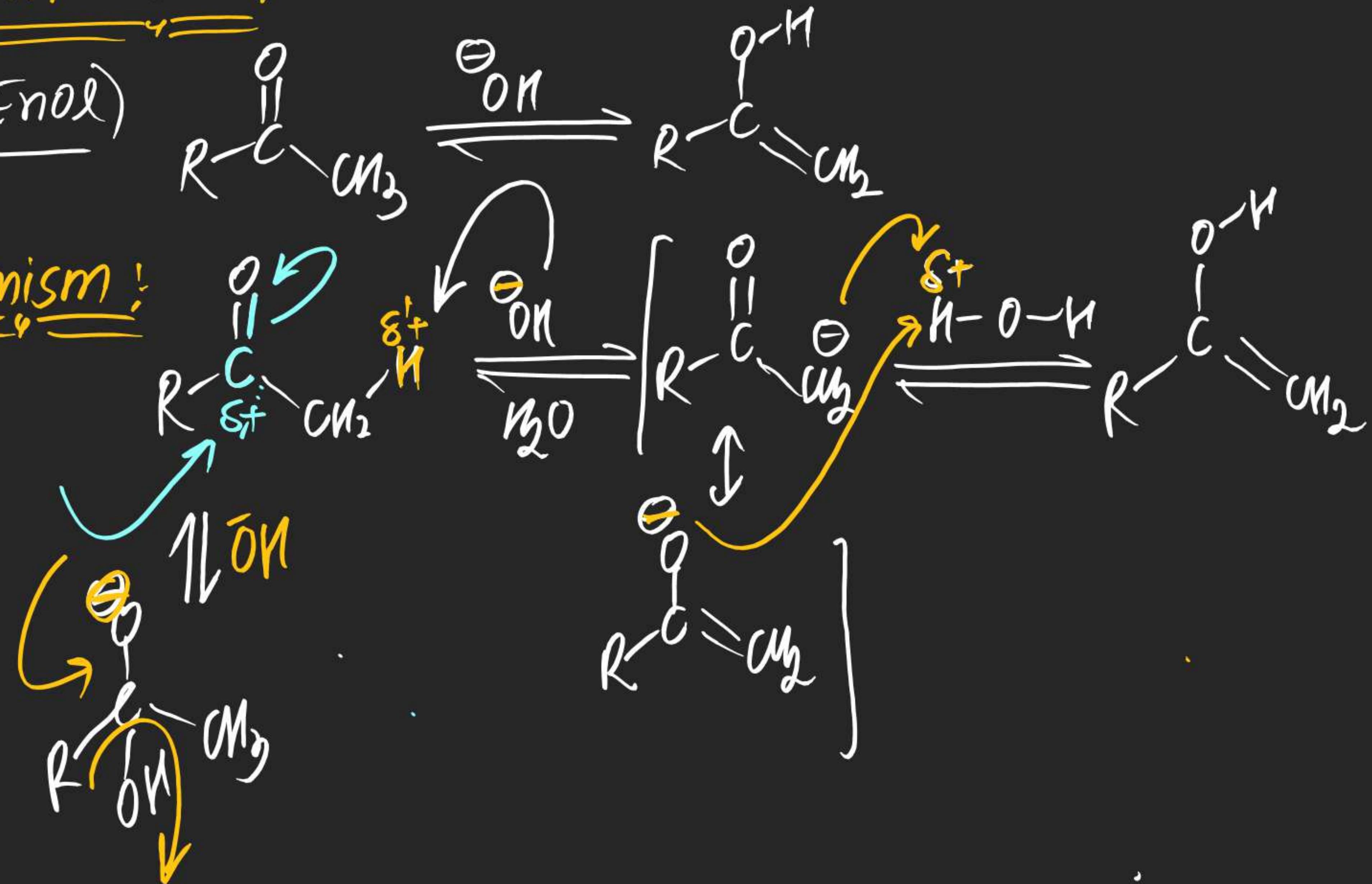
## STEREOISOMERISM

In Basic medium :

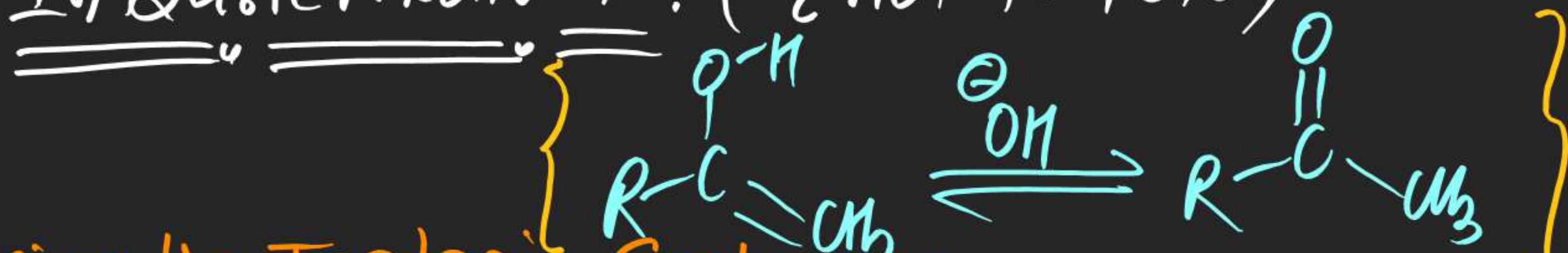
Keto to Enol



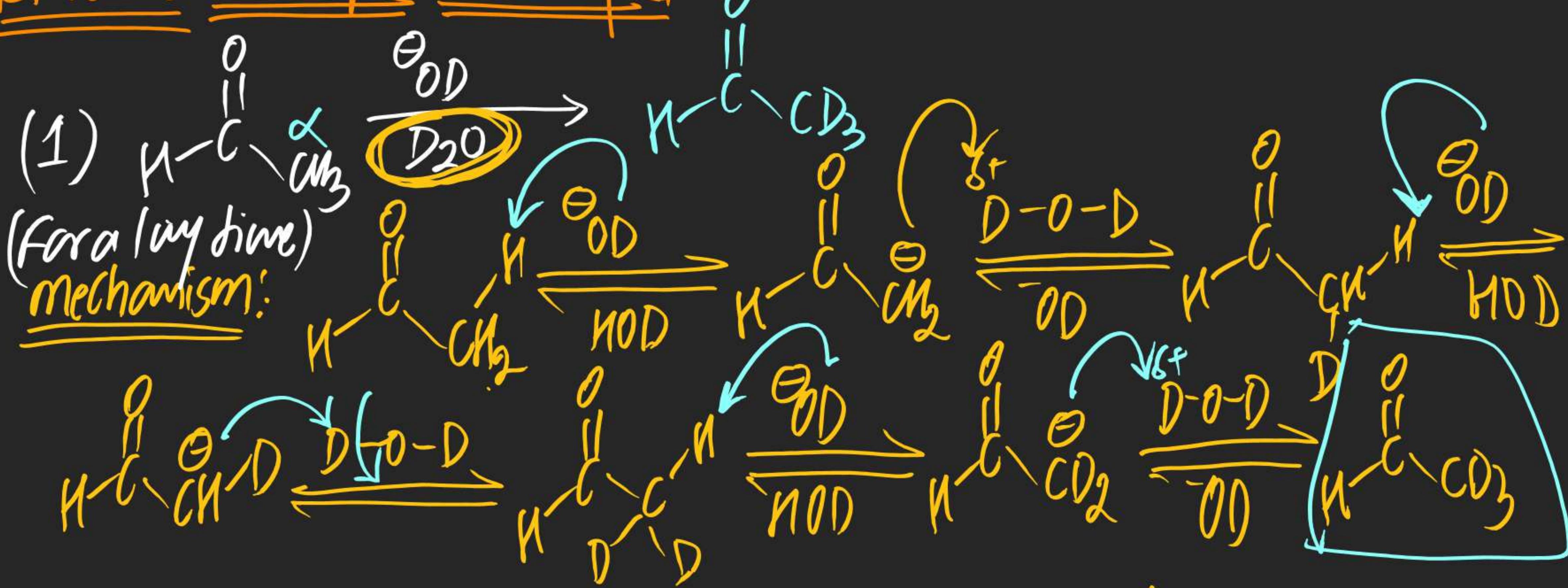
Mechanism:



In Basic medium : (Enol to Keto)

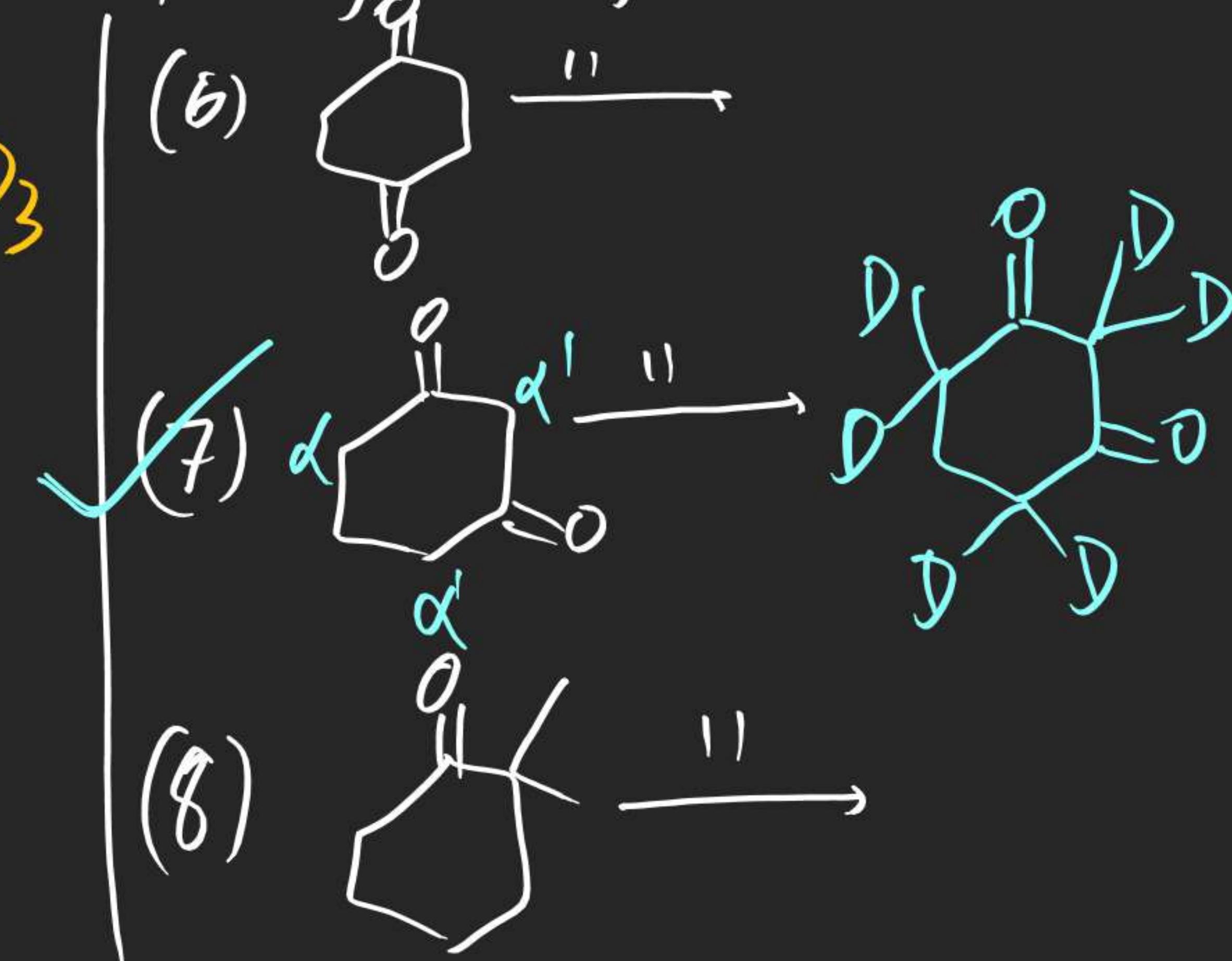
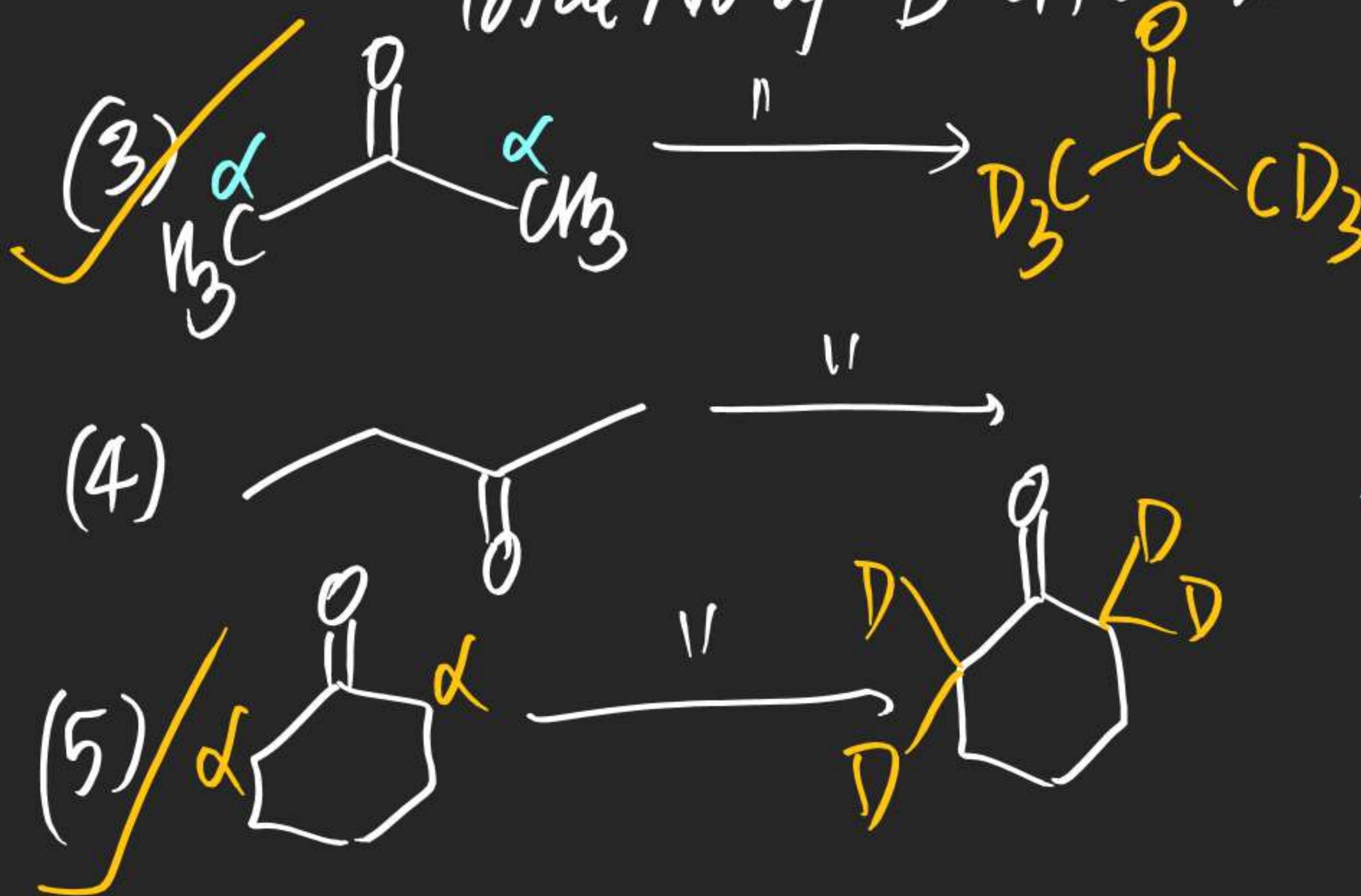


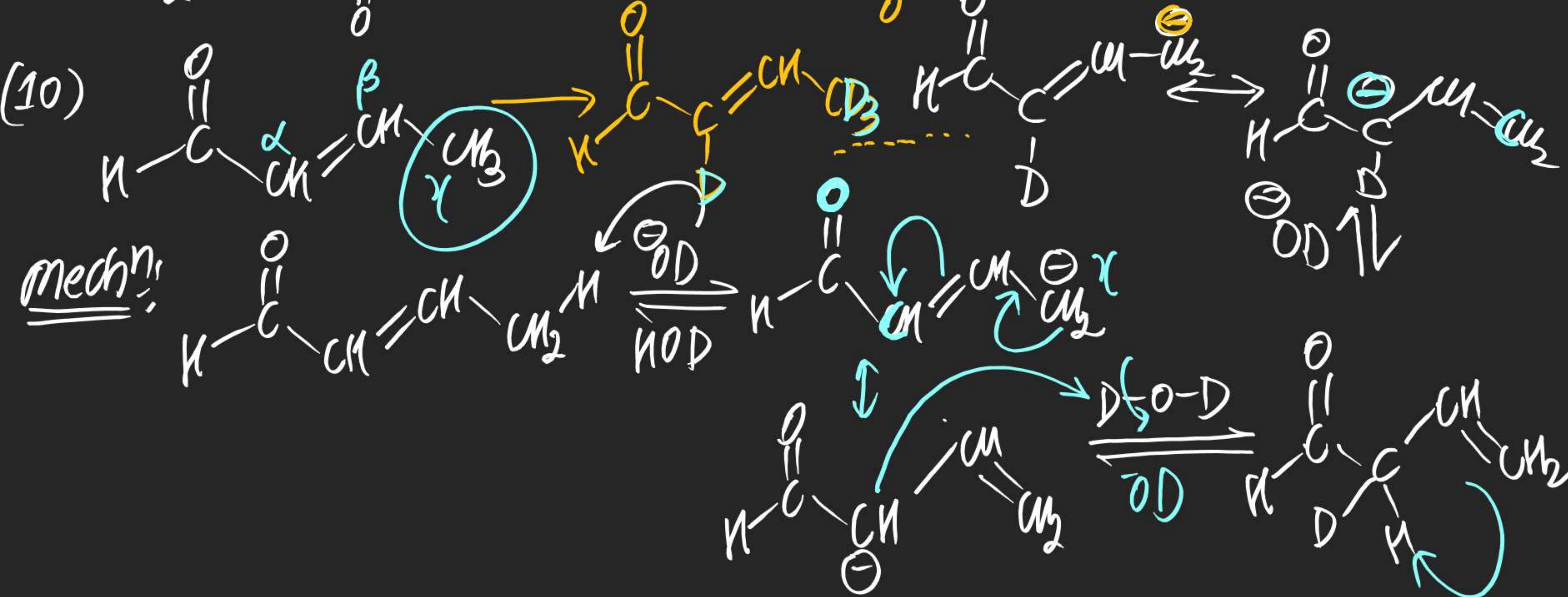
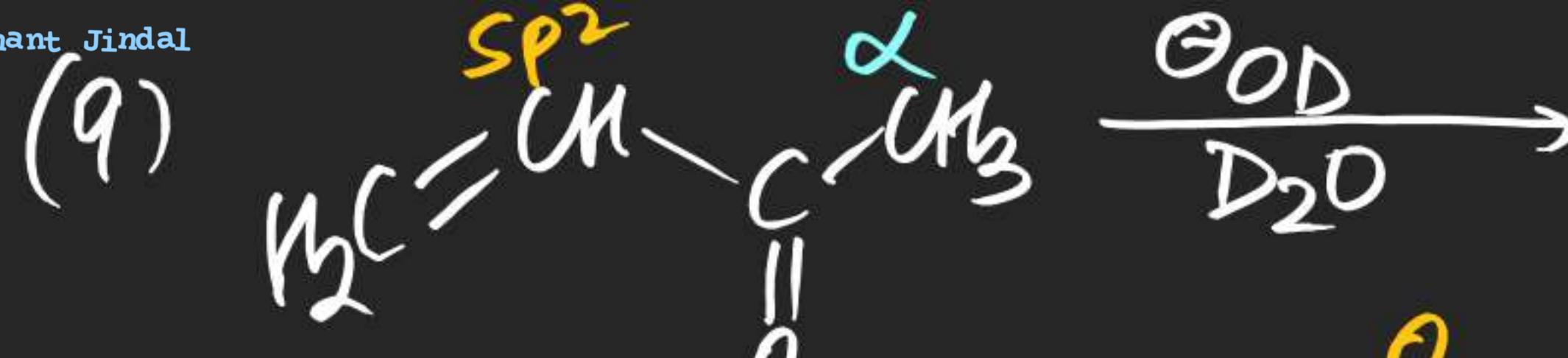
Kinetic Isotopic Exchange:

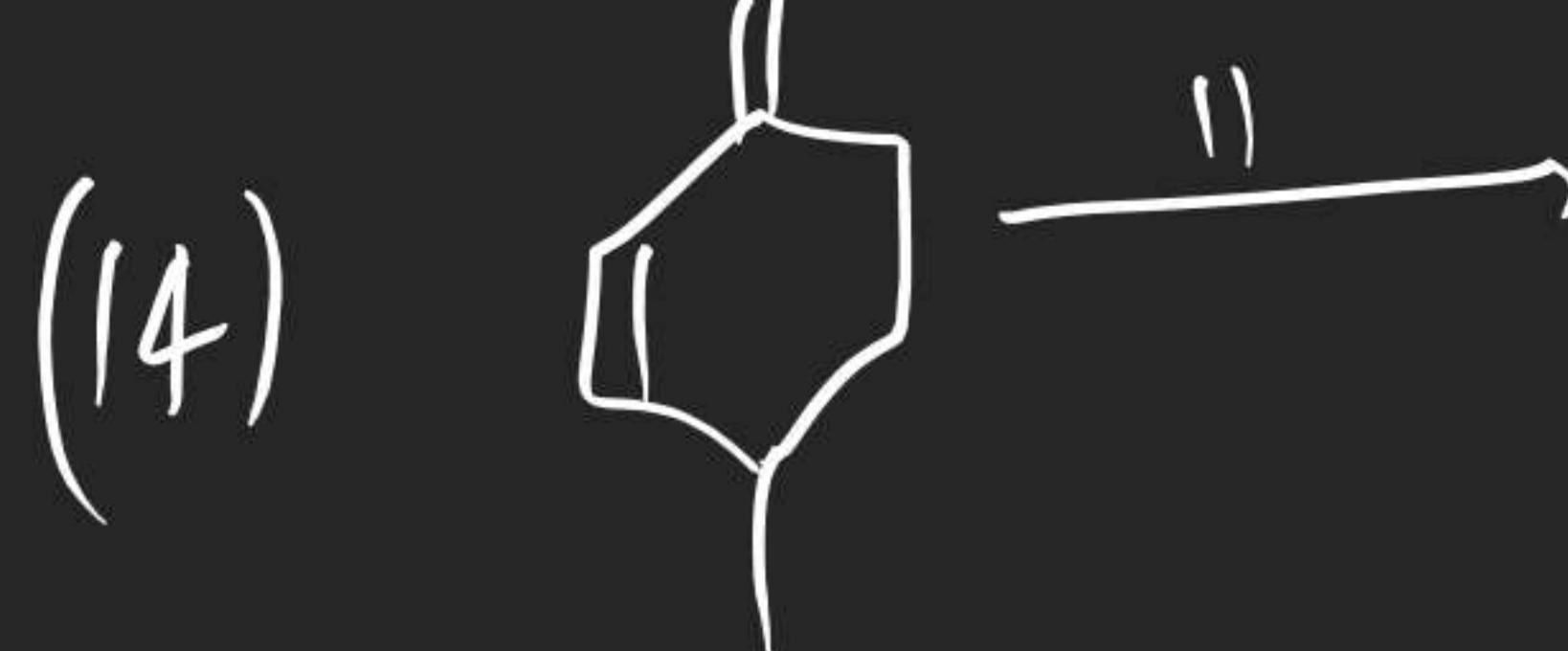
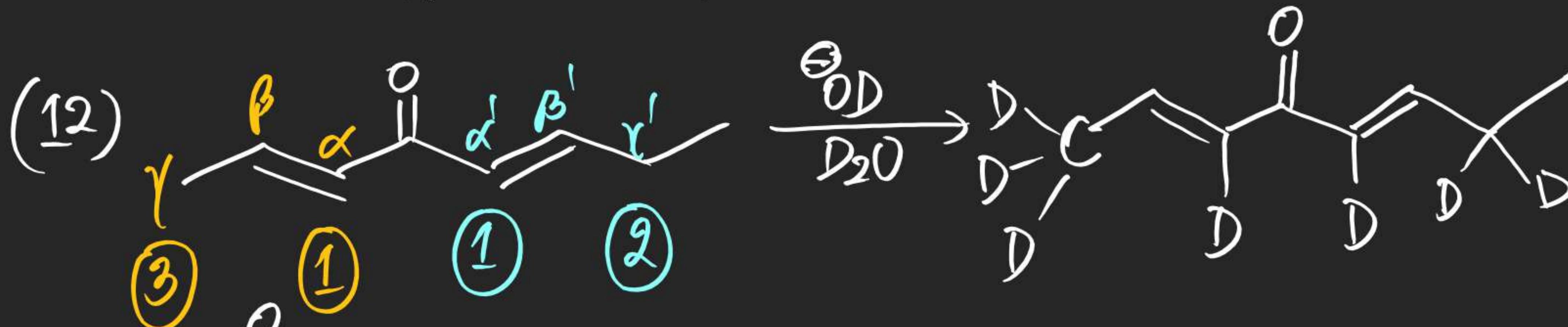
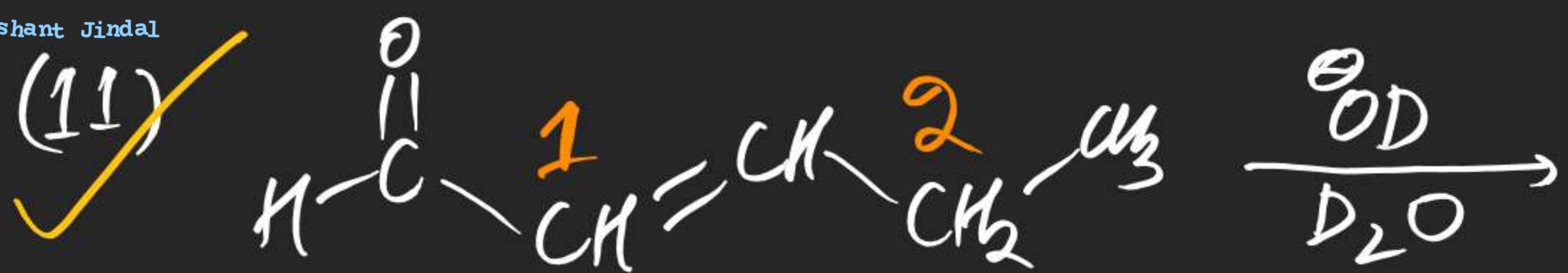


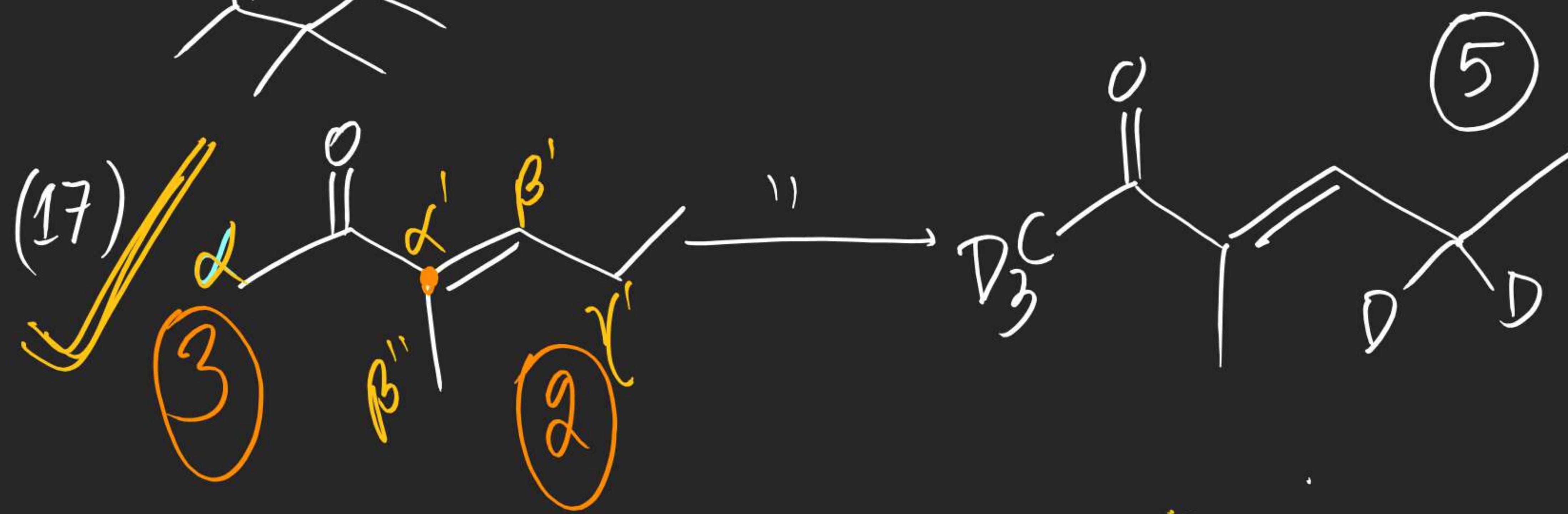
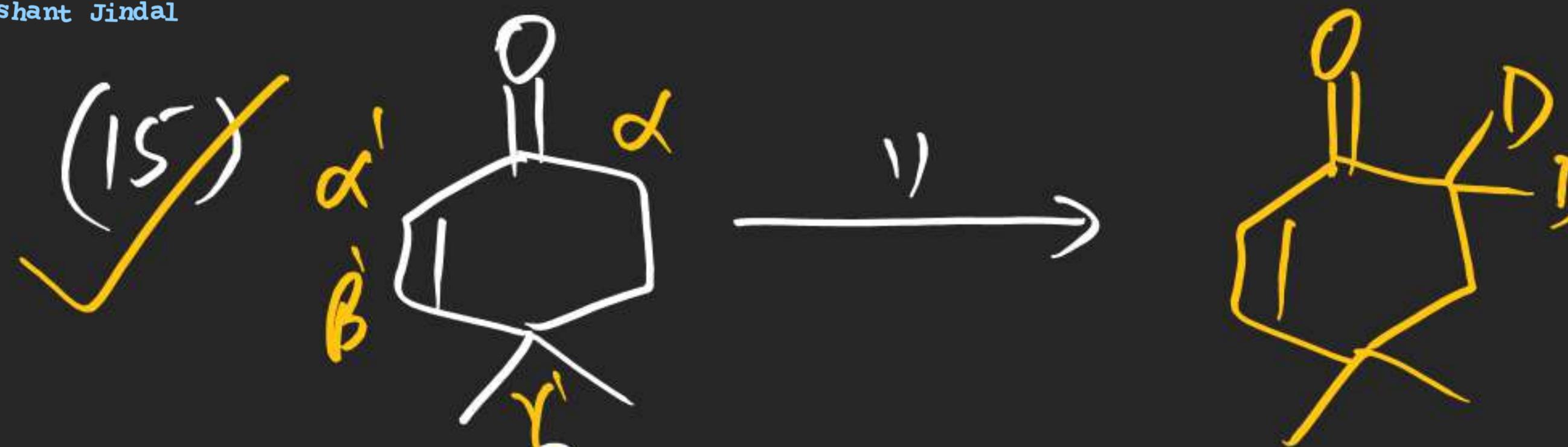


On Prolong treatment - - - - -  
Total No. of "D" atoms in keto form of "X"

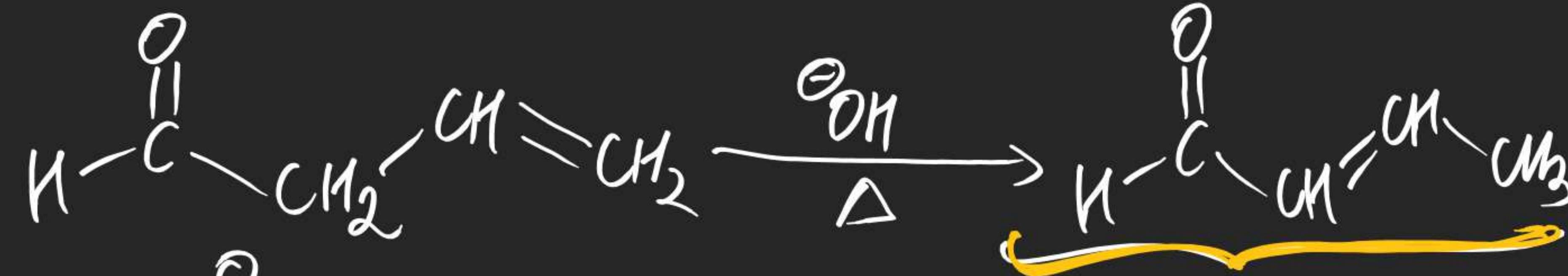
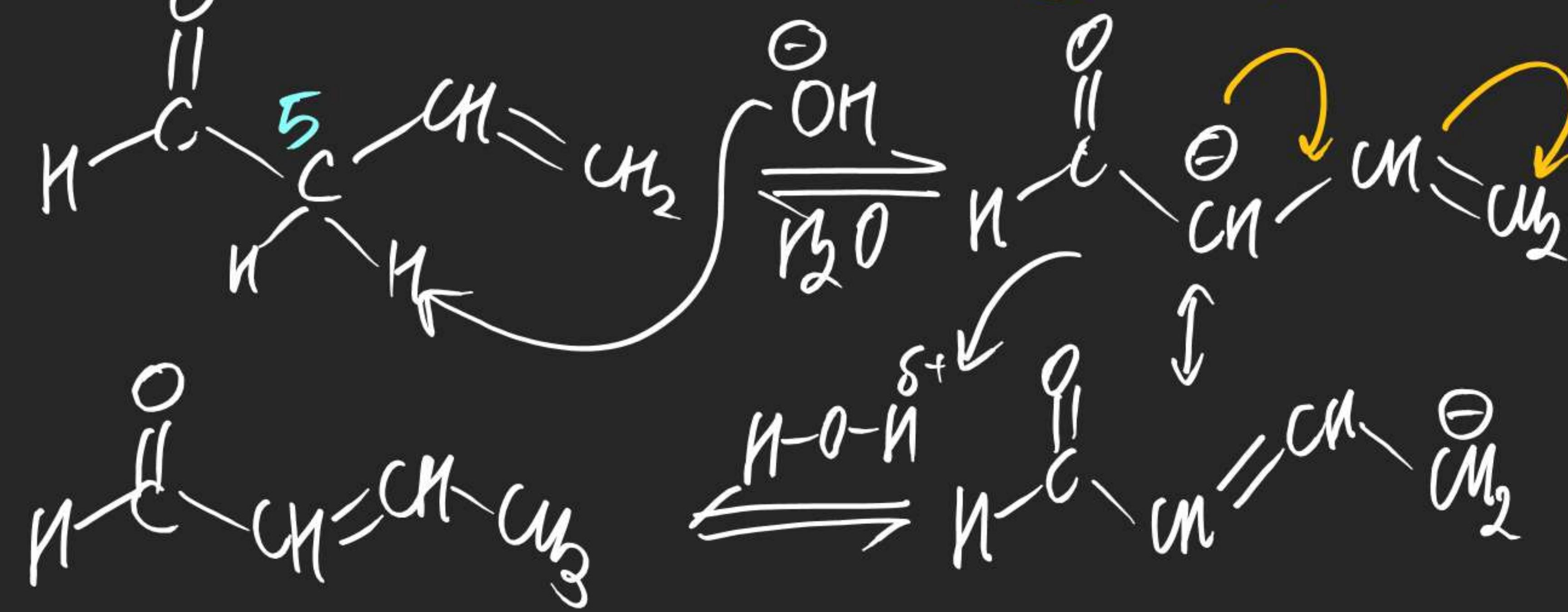


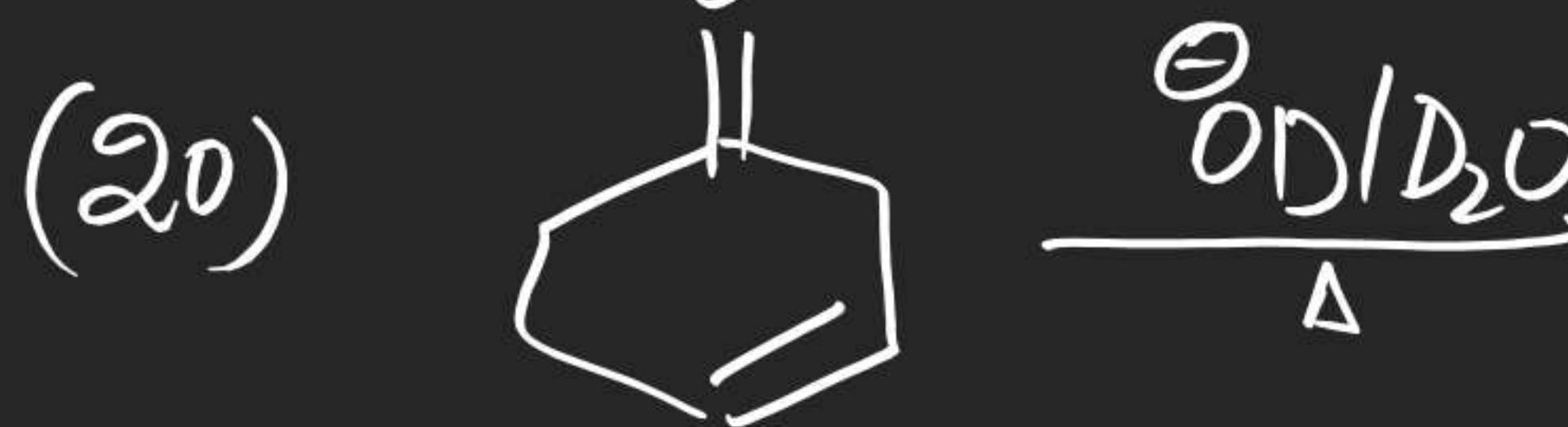
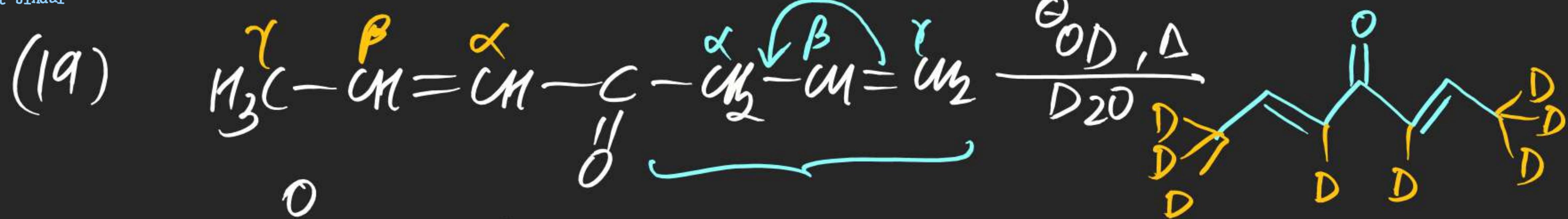






(B)

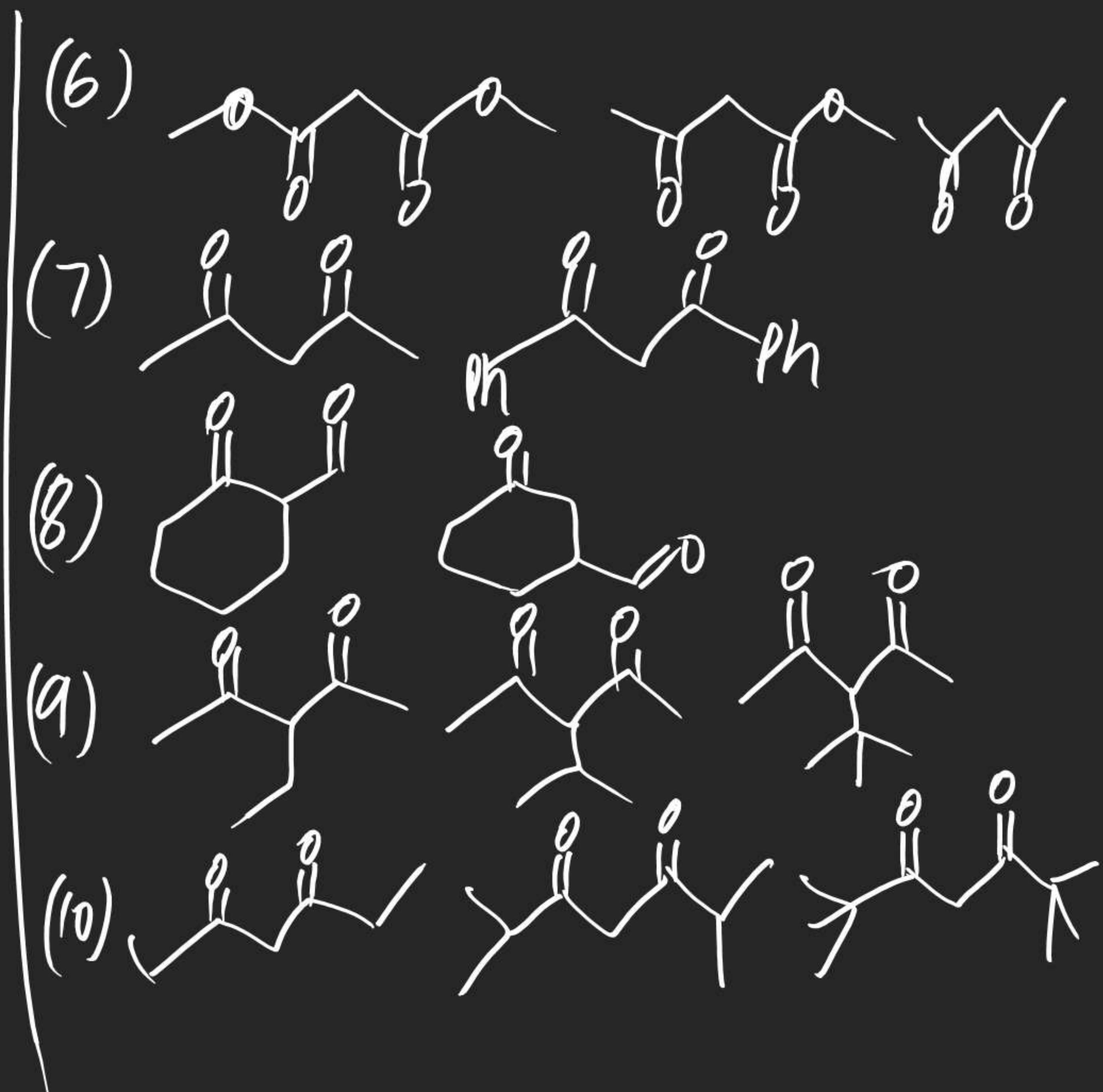
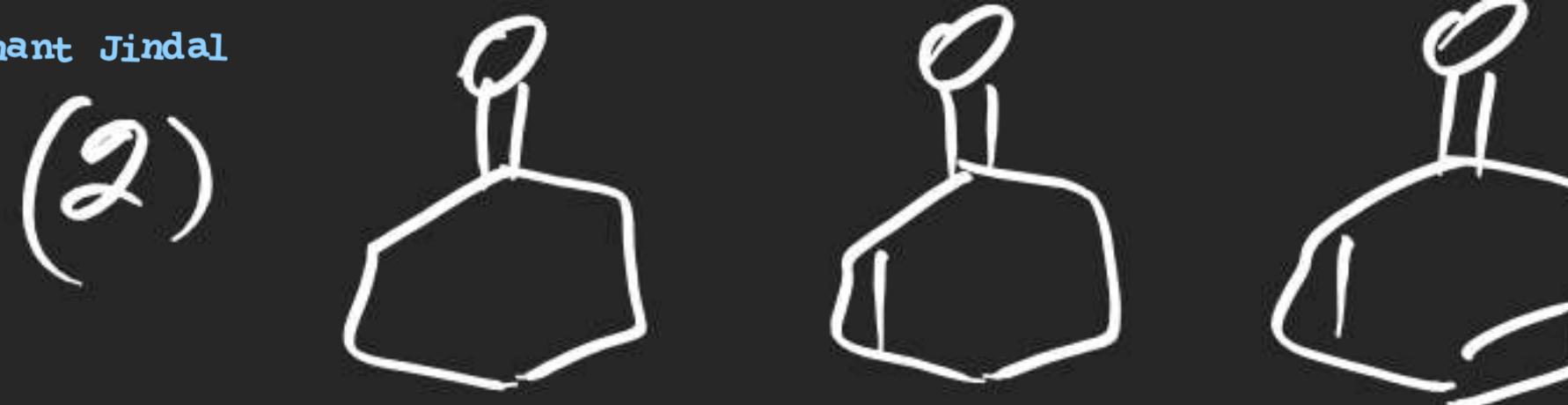
mech^n:



Ex: Arrange following in decreasing Order of % Enol.



(II > I)



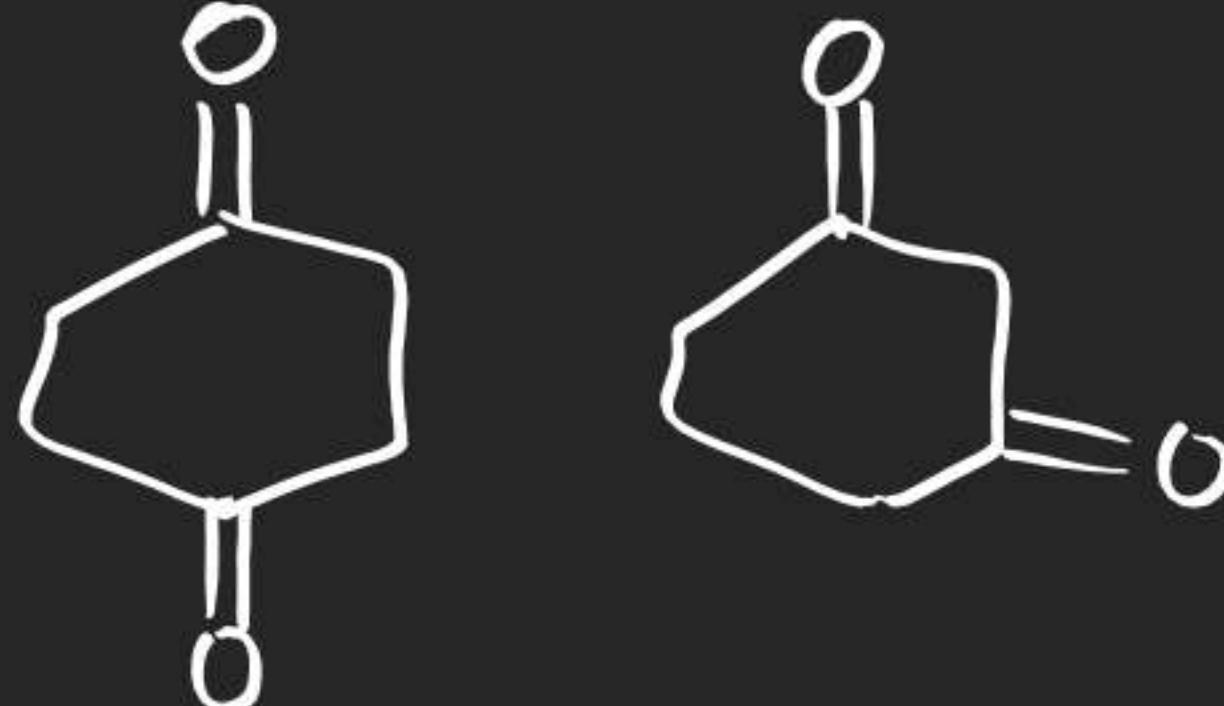
(11)



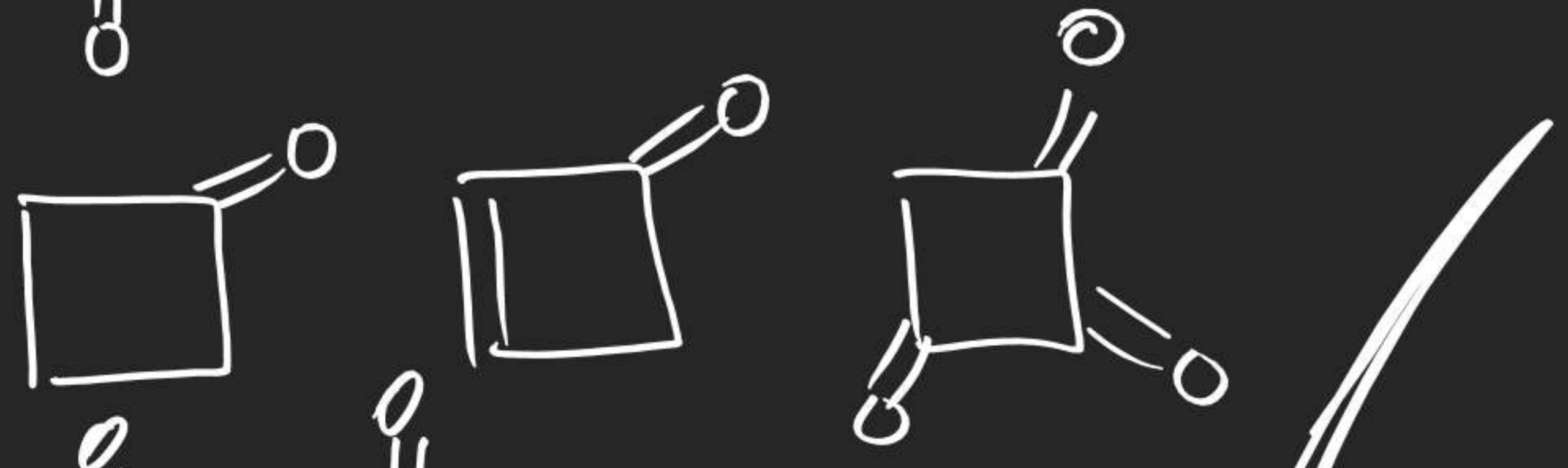
(12)



(13)



(14)



(15)

