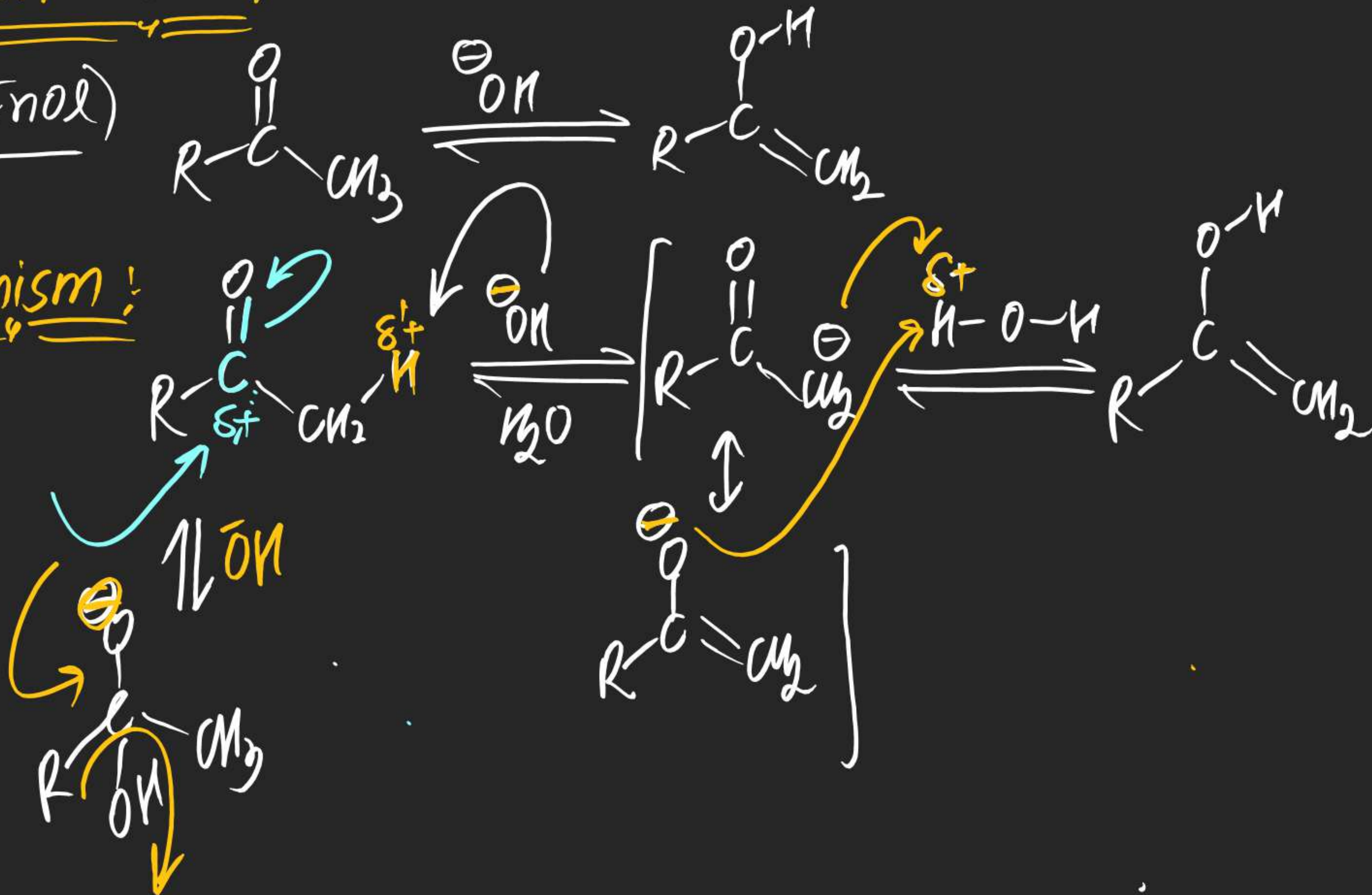


STEREISOIMERISM

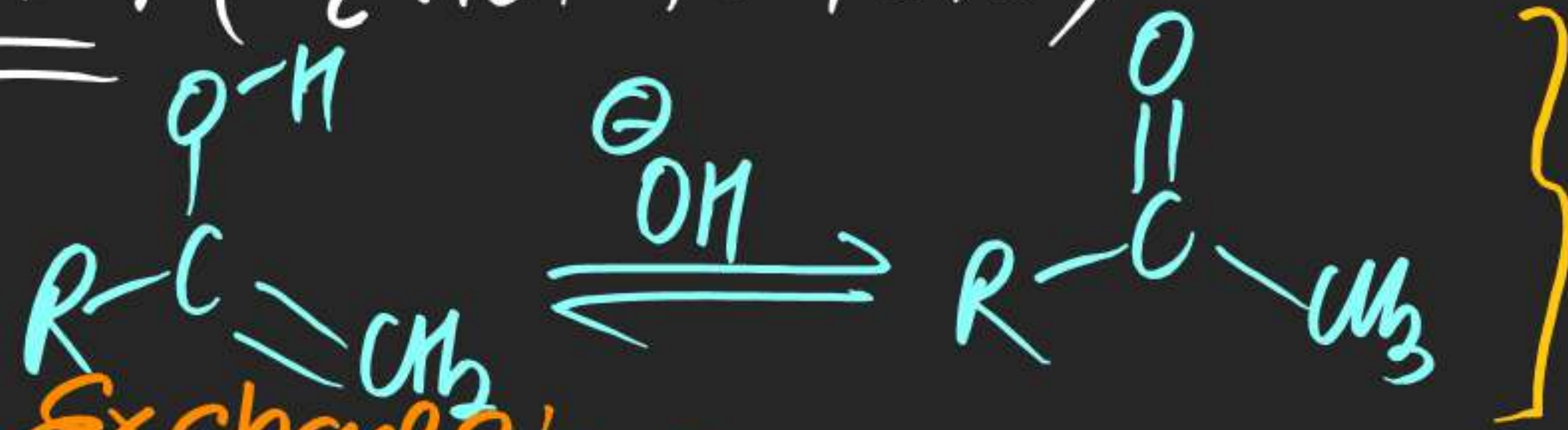
In Basic medium:

(Keto to Enol)

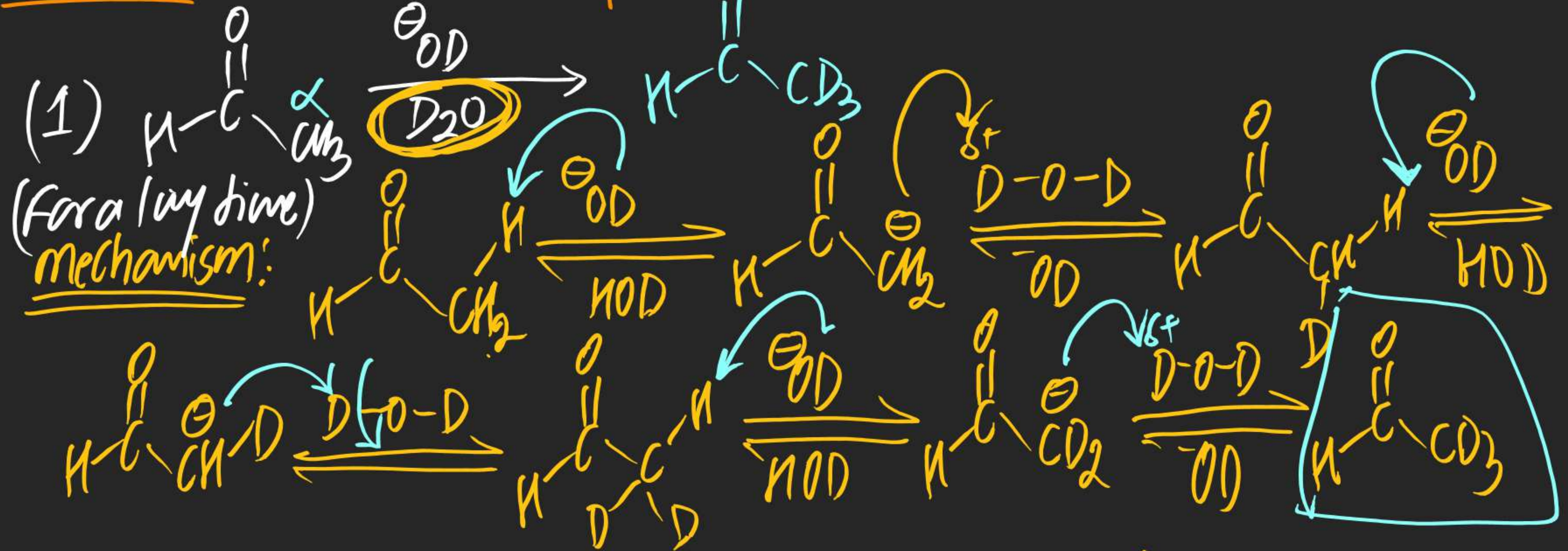
Mechanism:

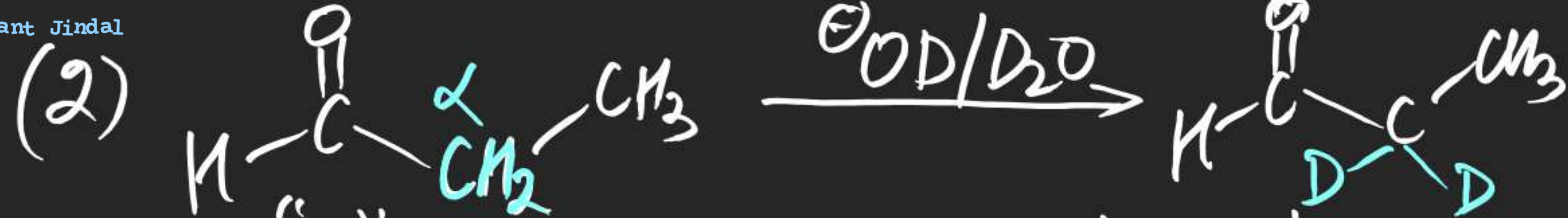


In Basic medium : (Enol to Keto)



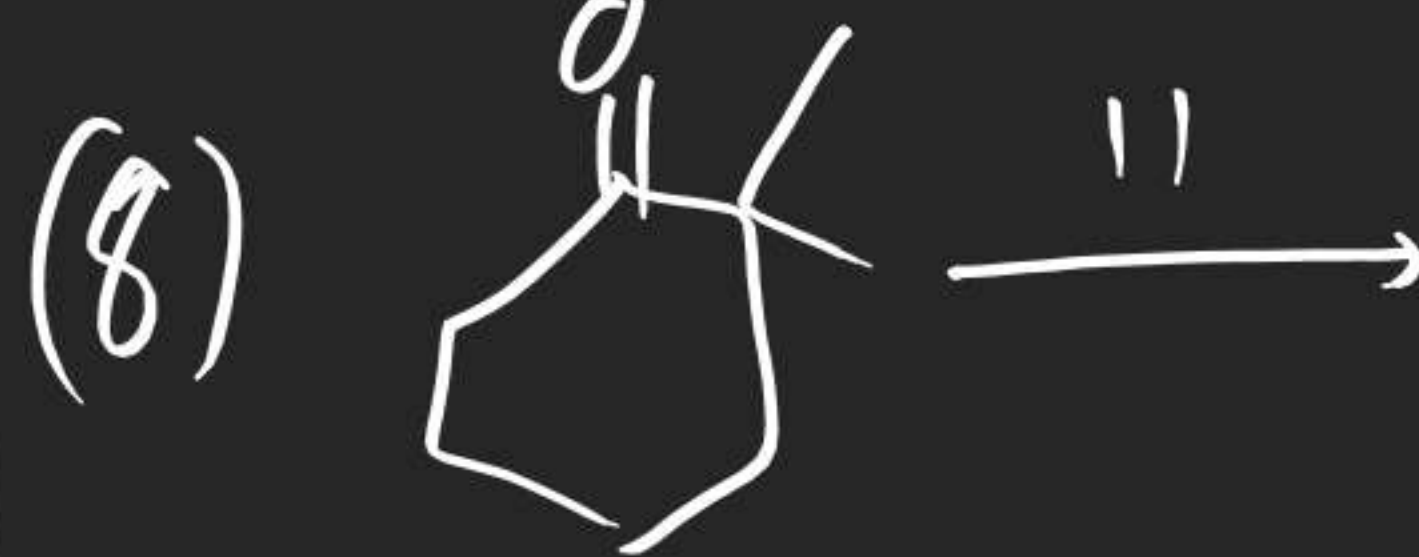
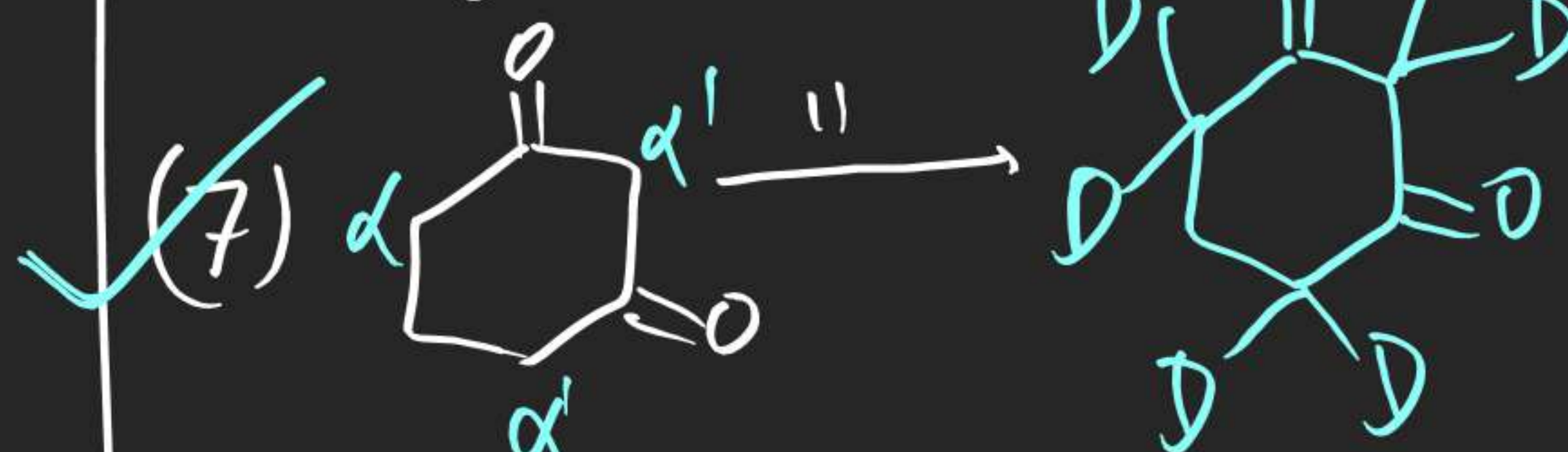
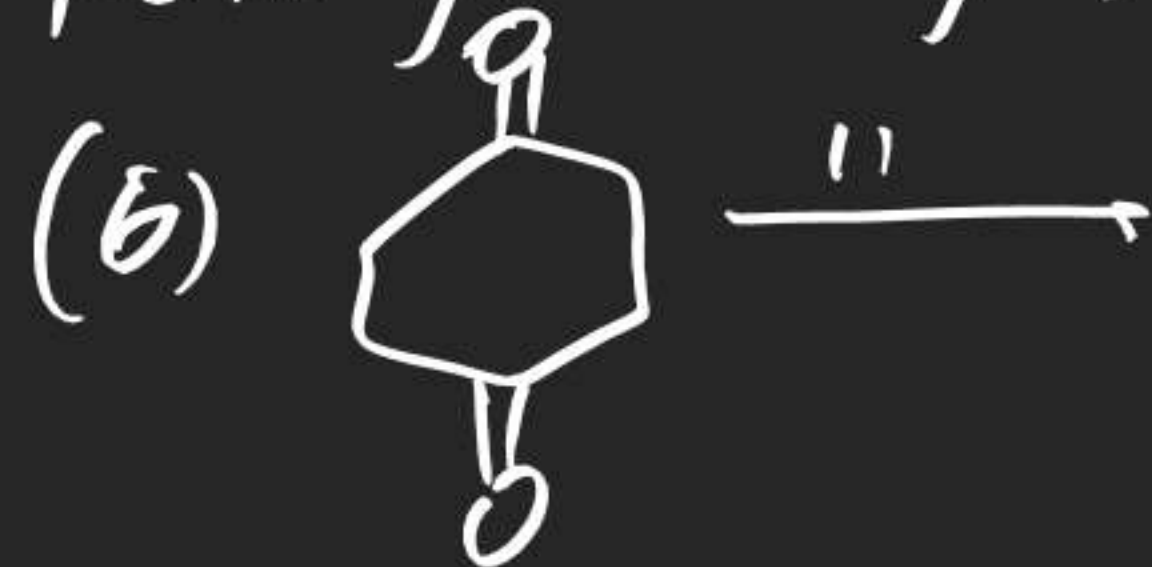
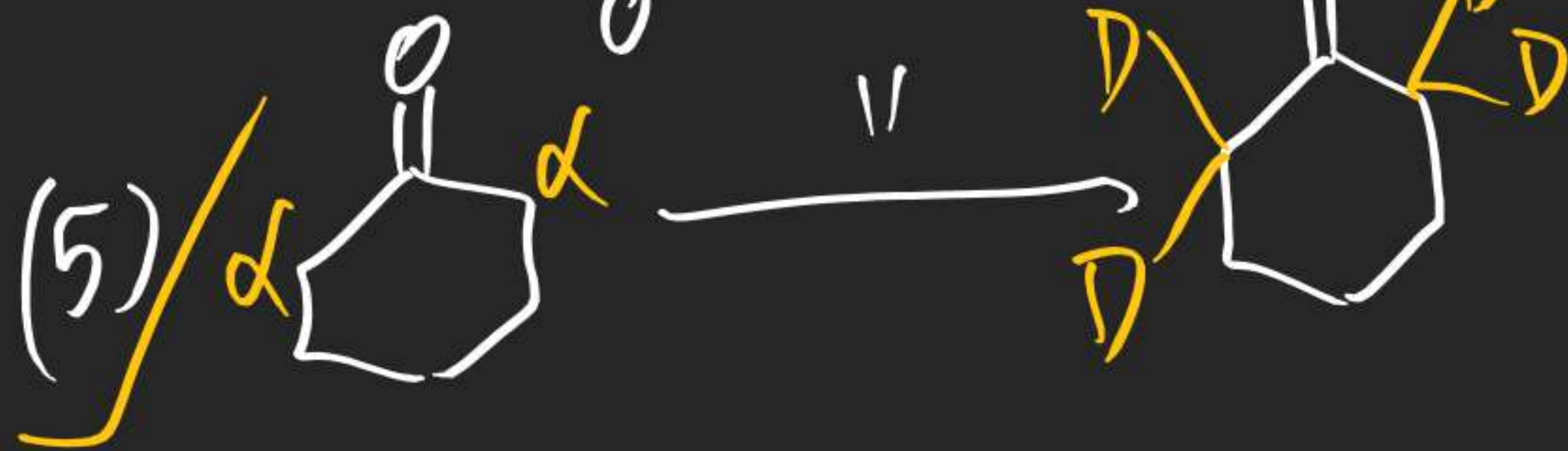
Kinetic Isotopic Exchange:

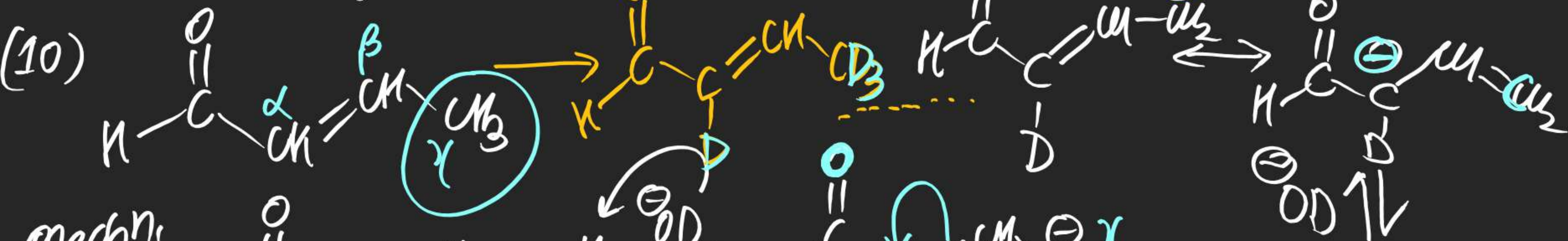
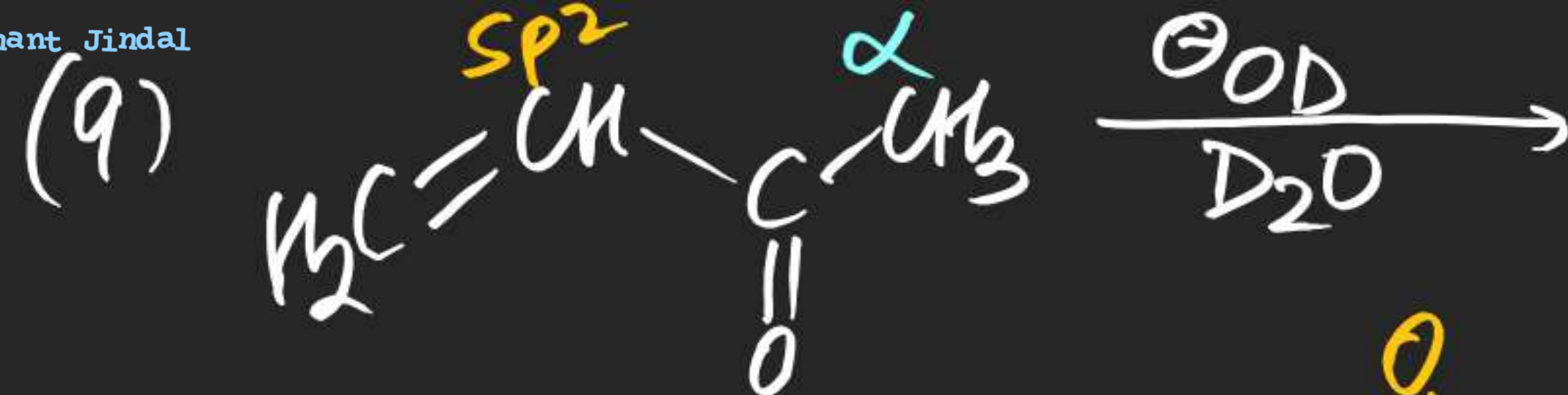




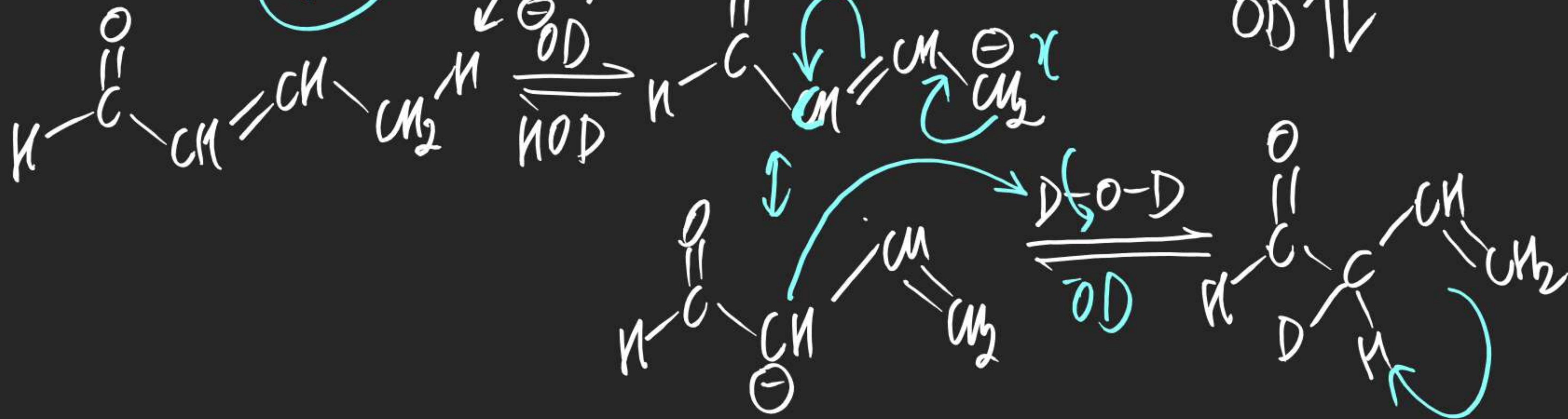
"X" On Prolong treatment - - - - -

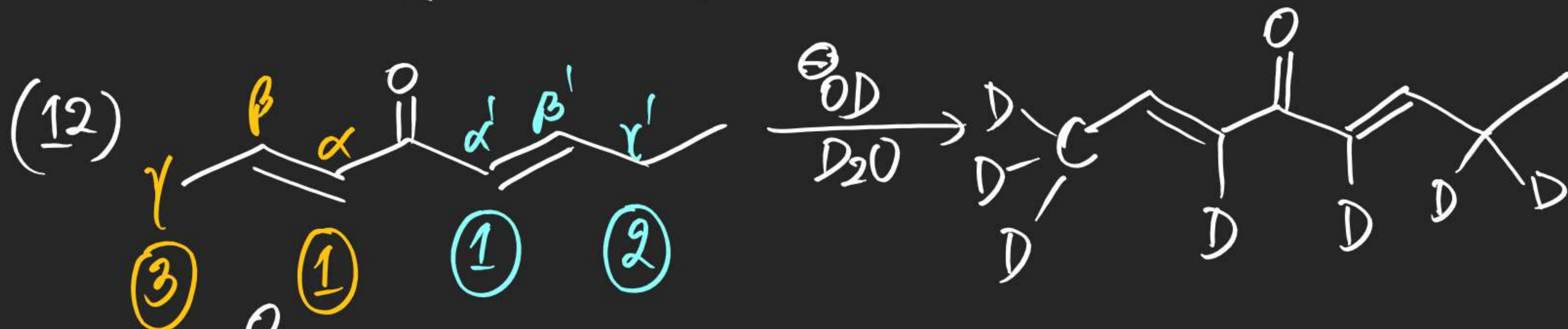
Total No. of "D" atoms in keto form of "X"

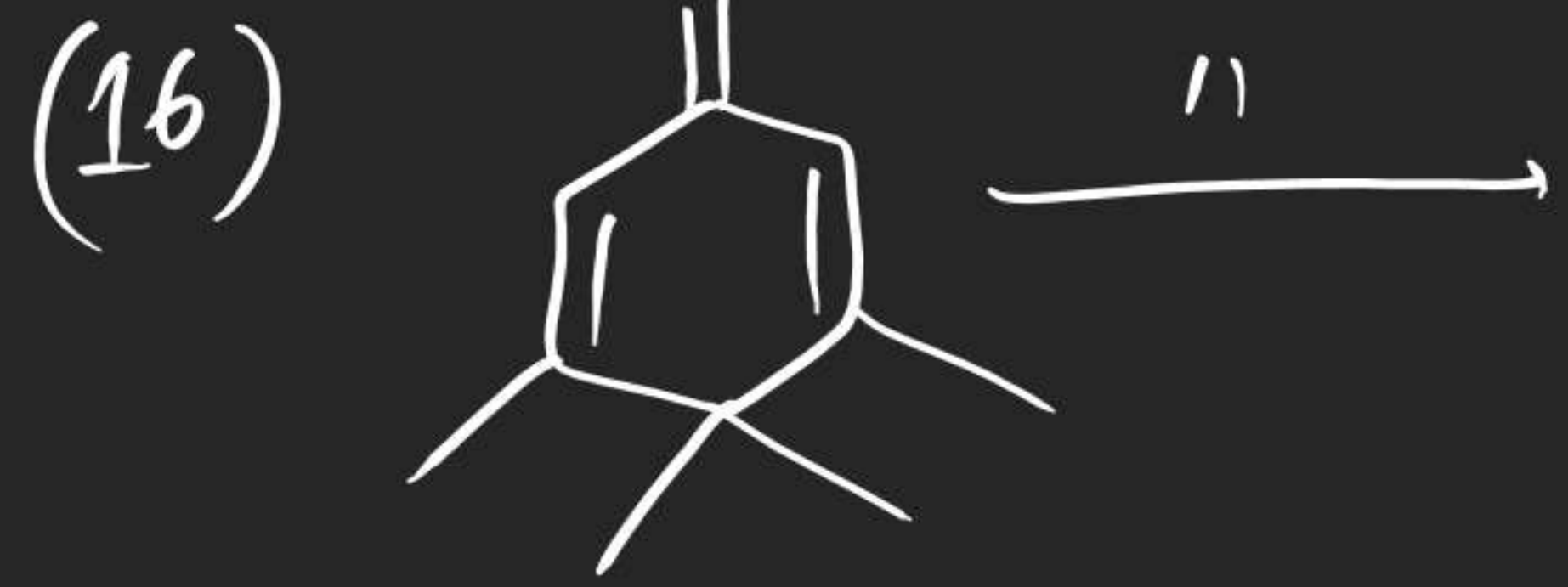
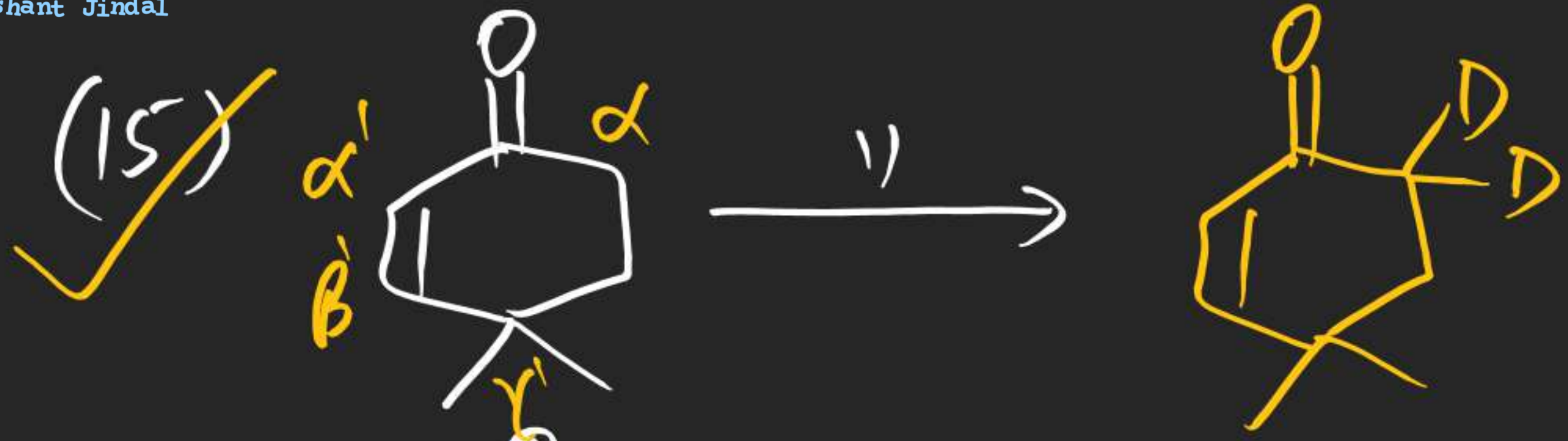




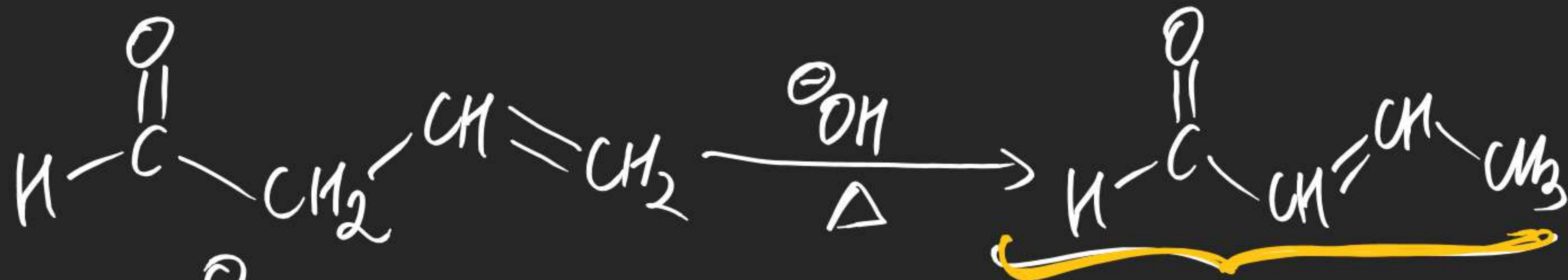
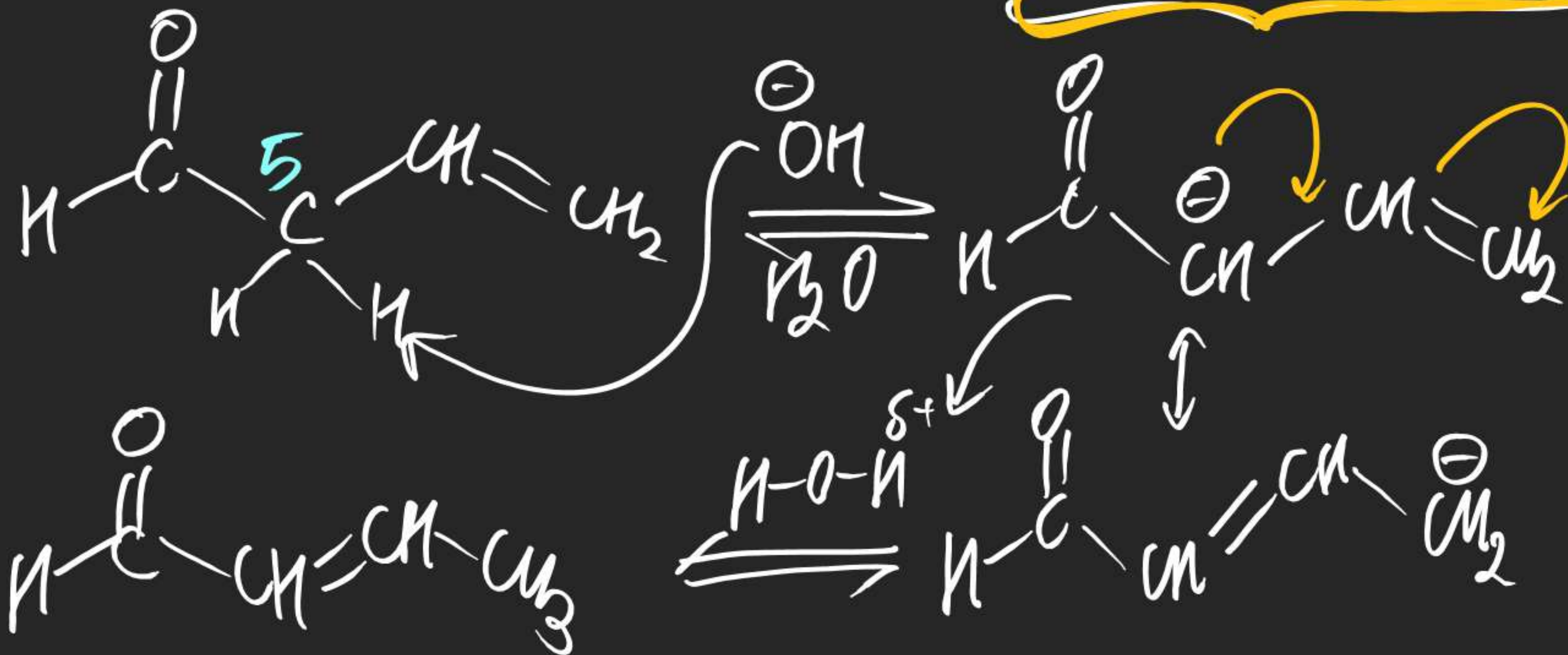
mechⁿ:

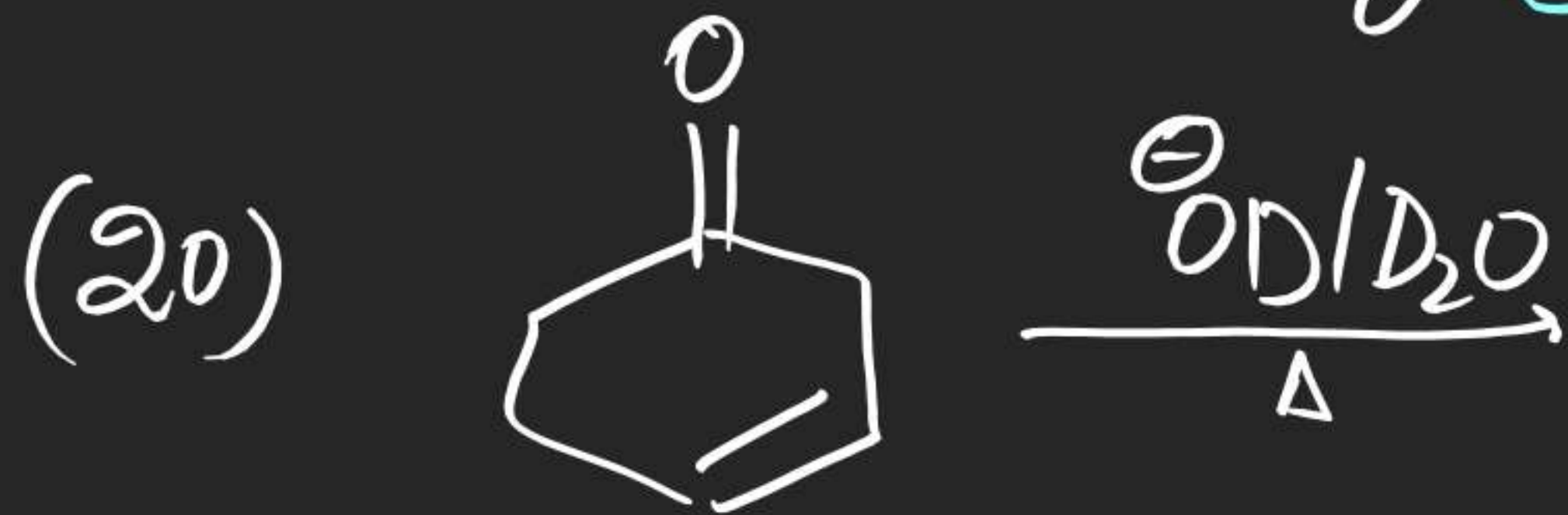
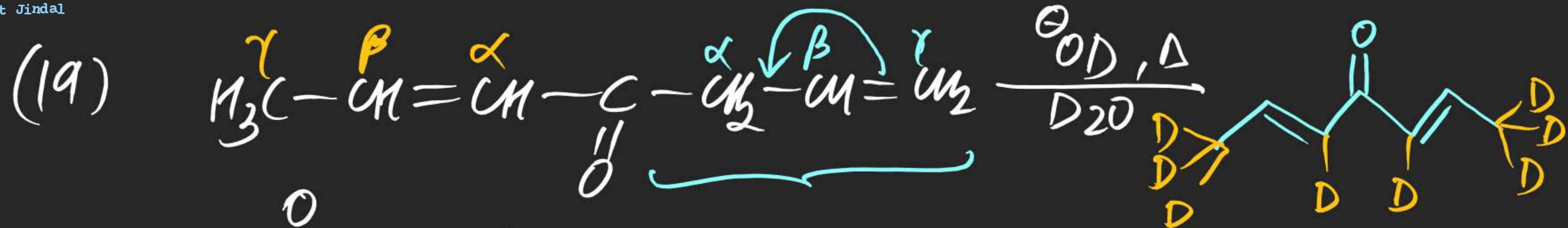






(18)

mechⁿ



Ex: Arrange following in decreasing order of % Enol.



(II > I)

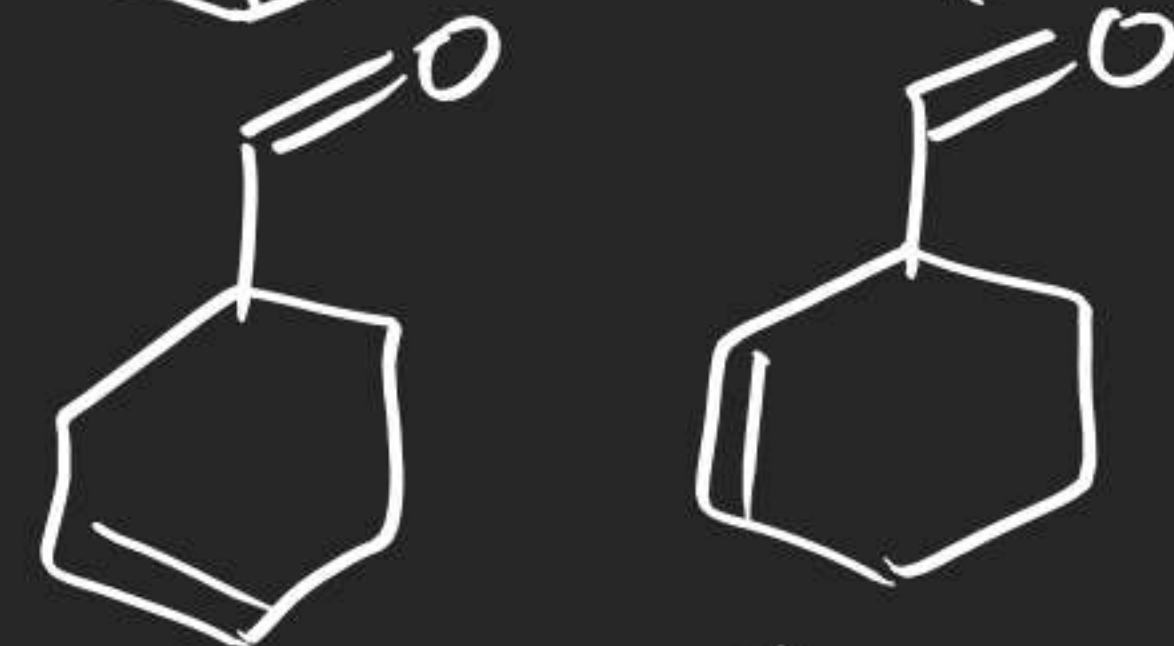
(2)



(3)



(4)



(5)



(6)



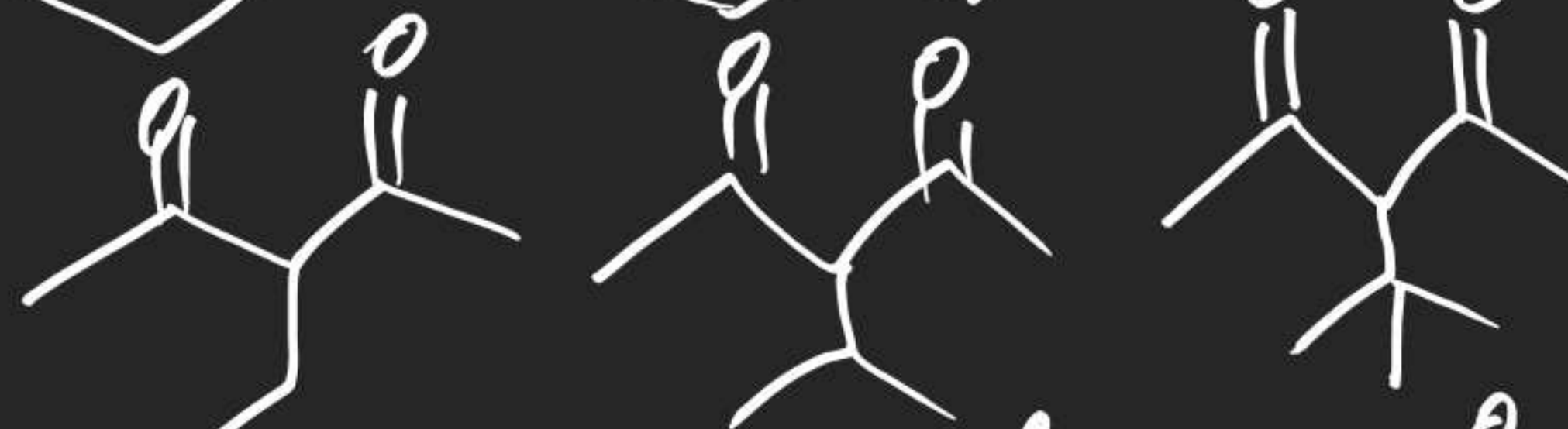
(7)



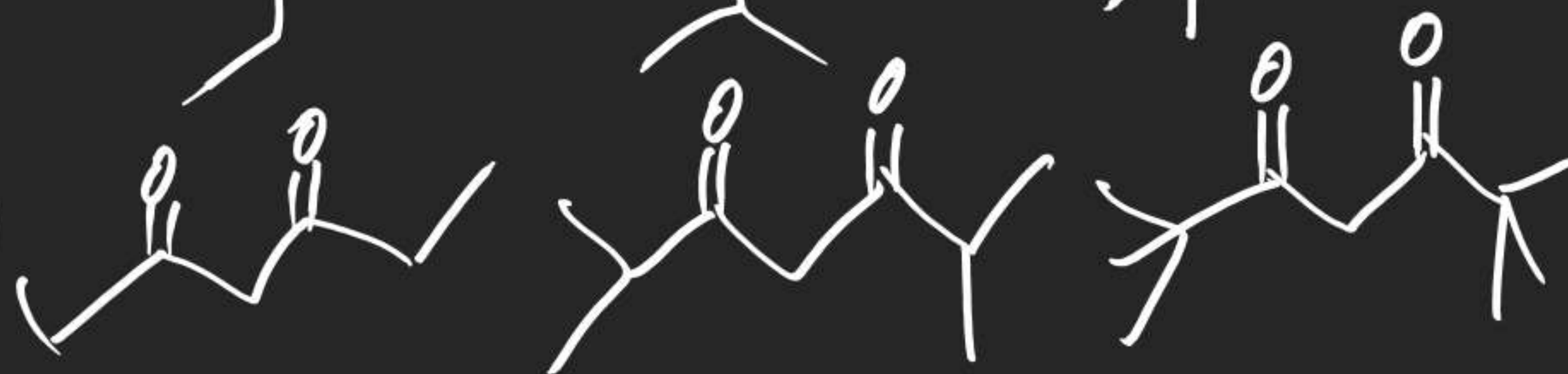
(8)



(9)



(10)



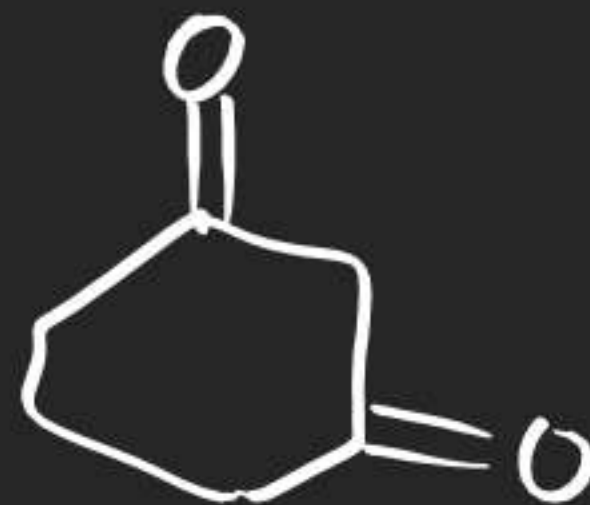
(11)



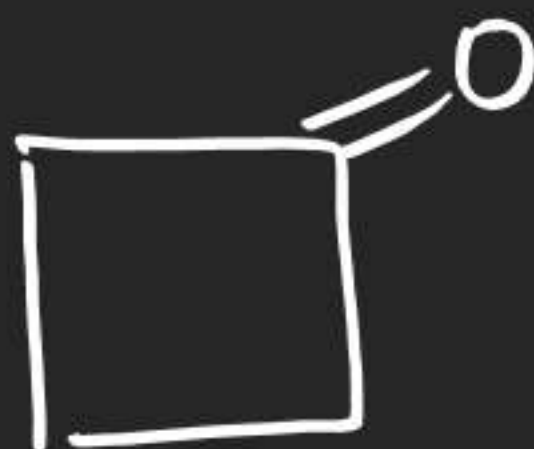
(12)



(13)



(14)



(15)

