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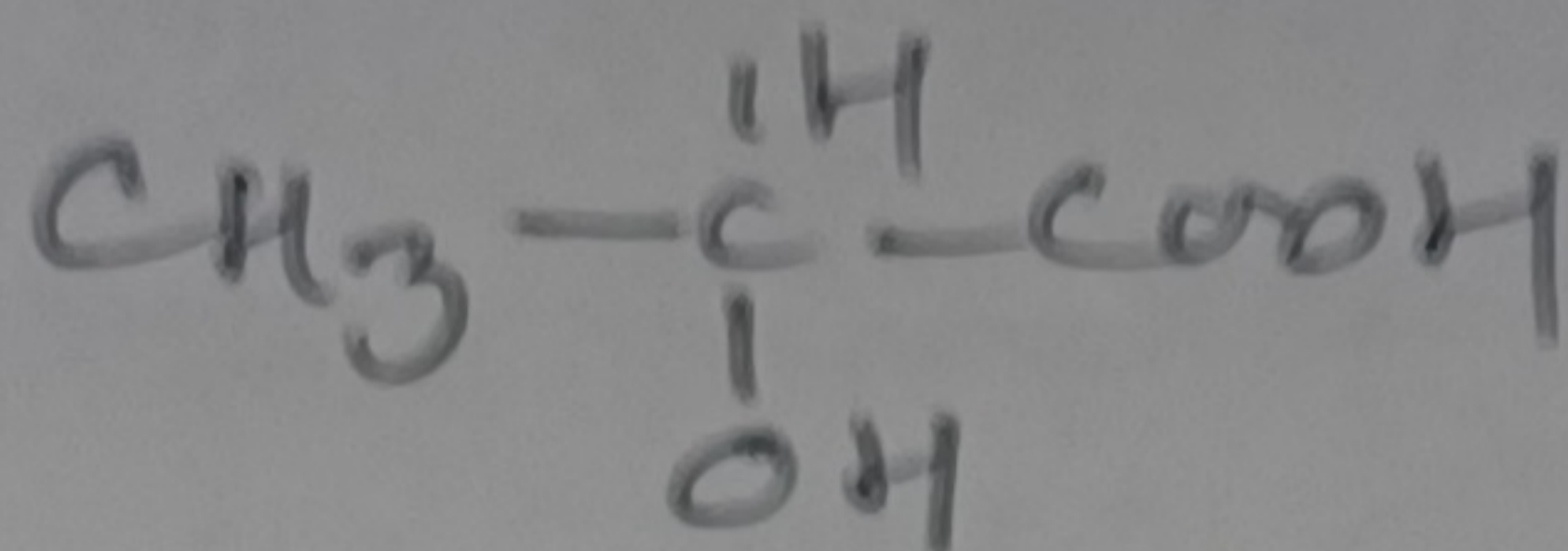
B.Sc Part II Group B (3)

Assistant Professor in Chemistry

J.J. College Ara

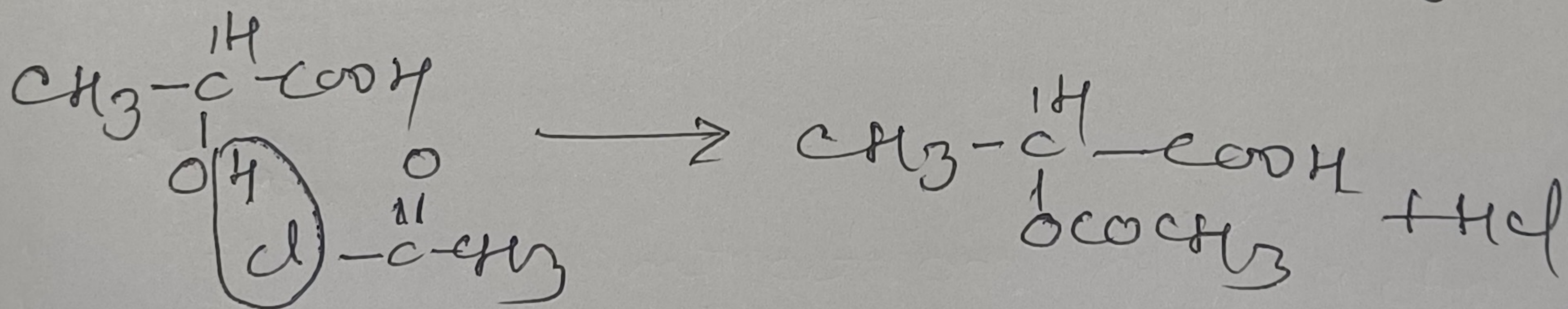
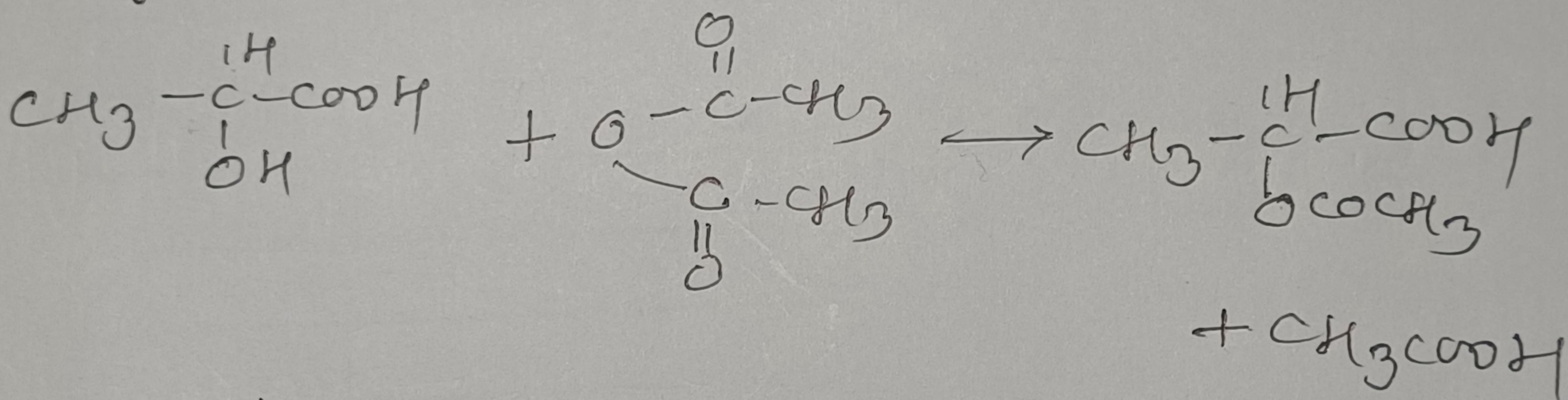
Lactic acid

Properties:-

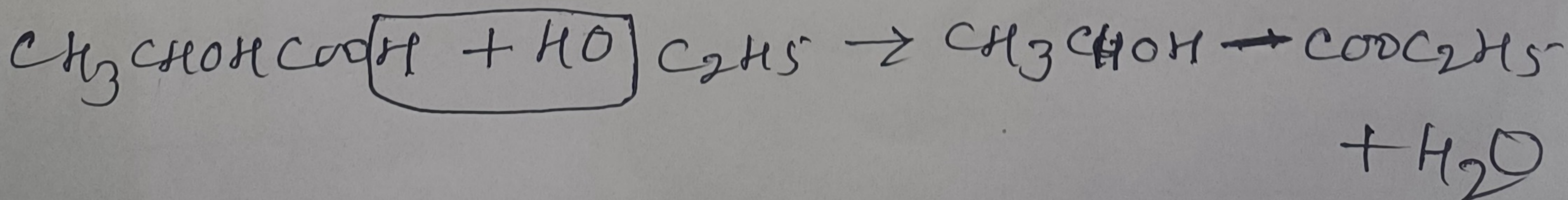


It has one asymmetric C-atom. therefore two optically active form exhibit i.e. d & l equimolecular mixture of d & l equimolecular mixture of d and l are called racemic form.

(i) It reacts with acetic anhydride (Ac₂O) or acetyl chloride (AcCl) giving mono-acetyl lactic acid.



(ii) It reacts with ethanol (C₂H₅OH) giving ethyl lactate (ester)



to be continued