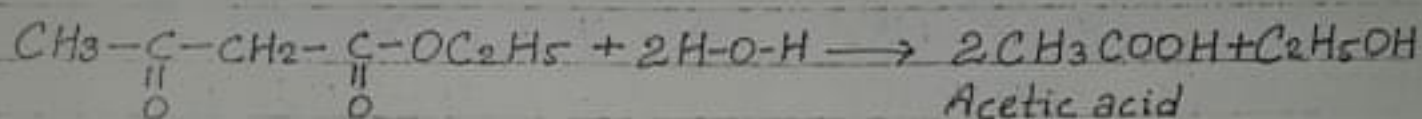
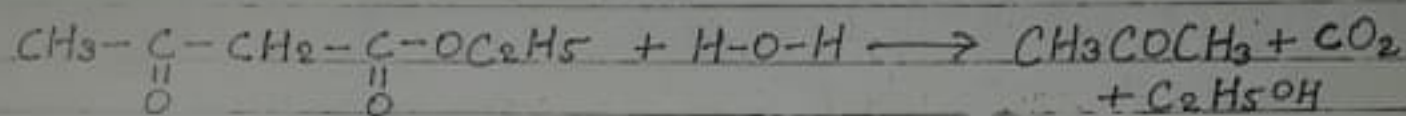


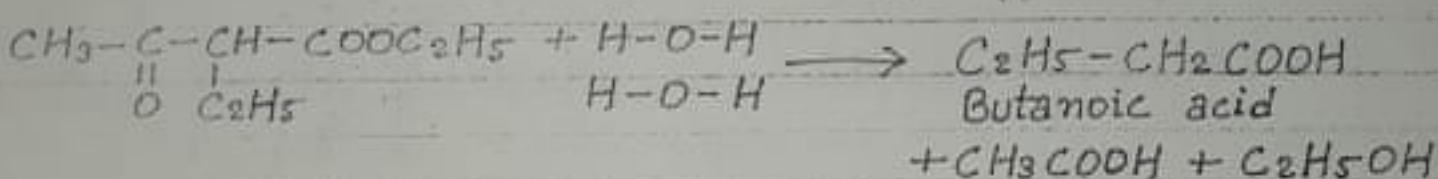
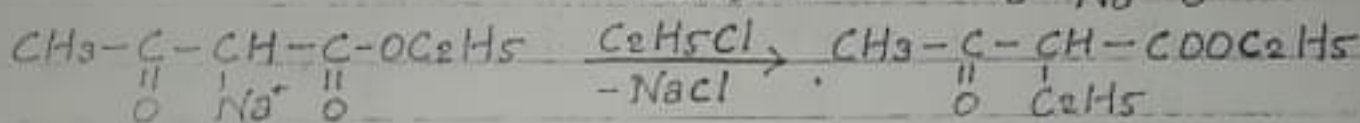
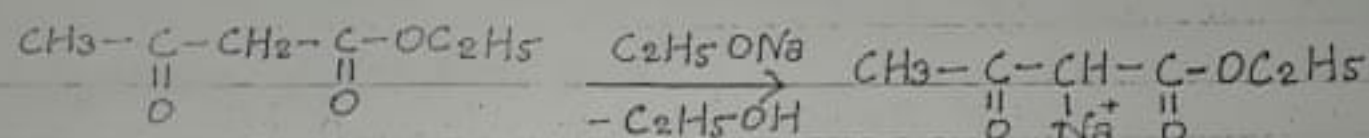
Synthetic Applications

Aceto acetic ester gave a large number of organic compounds with other molecules.

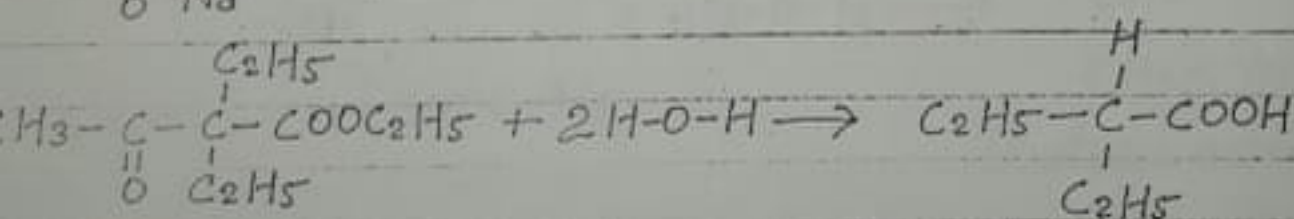
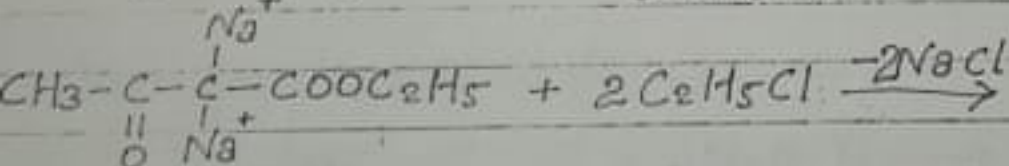
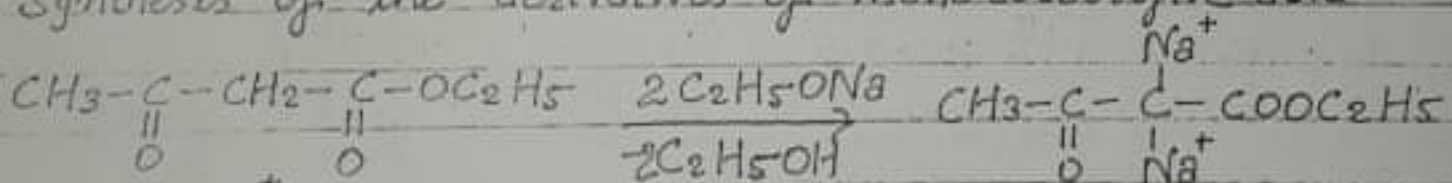
Synthesis of monocarboxylic acid



Synthesis of Butanoic acid :-



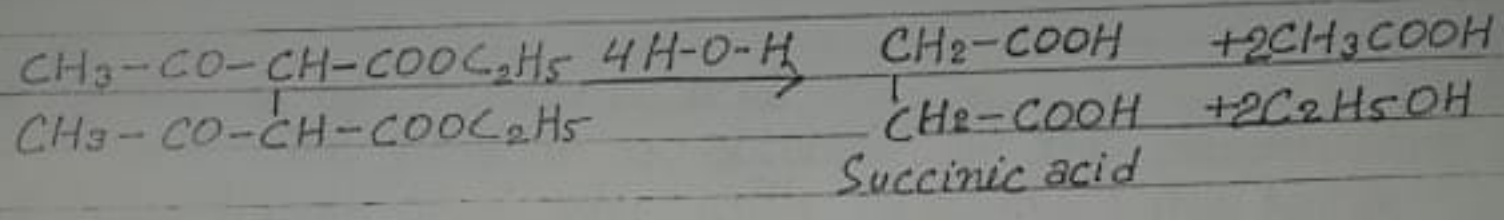
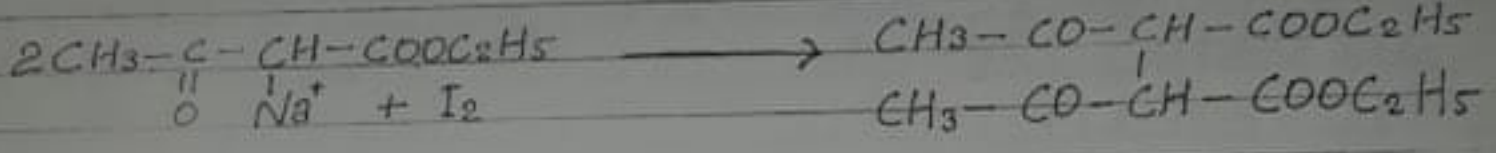
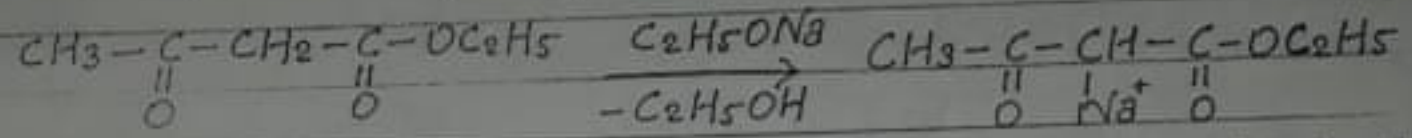
Synthesis of the derivatives of monocarboxylic acid.



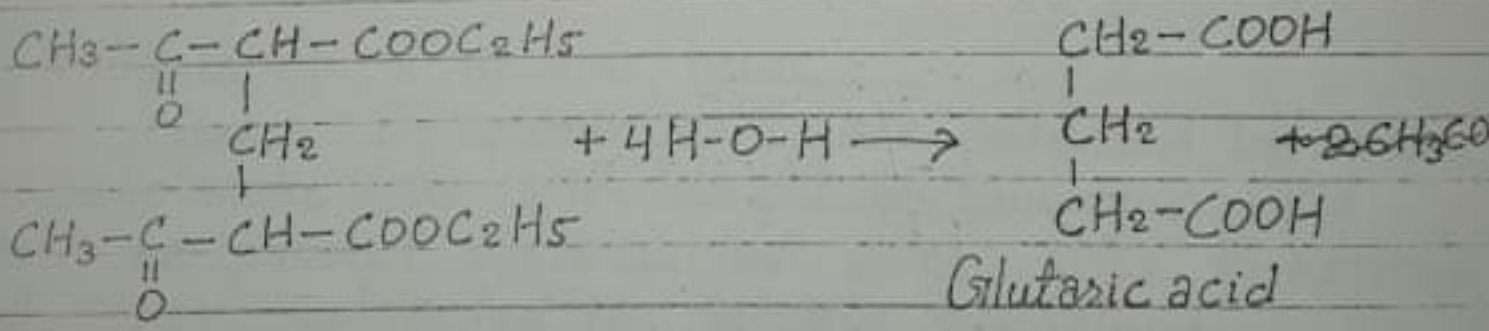
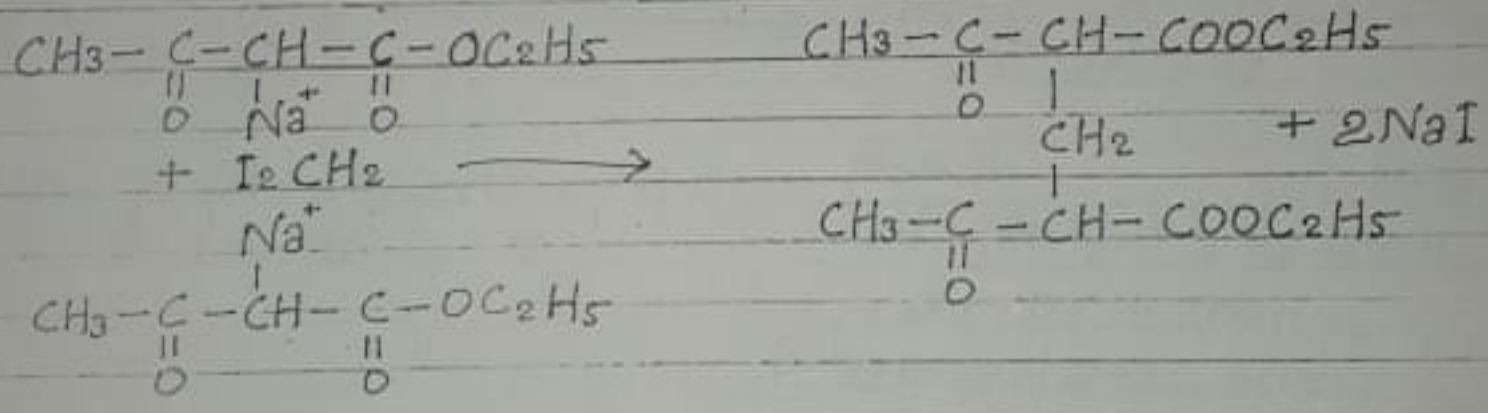
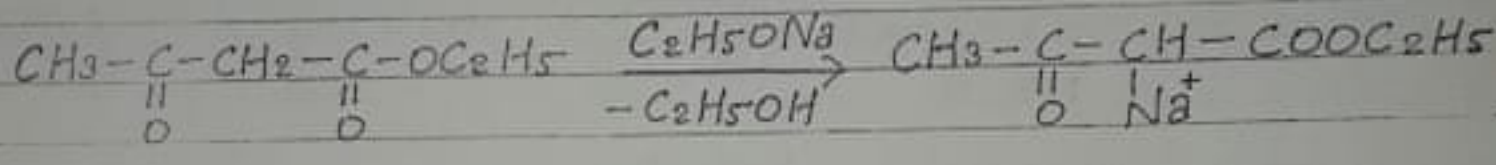
+ CH₃COOH + C₂H₅OH

(2) Synthesis of Dicarboxylic acid :

When two mols. of mono sodio derivatives of A.A.E. reacts with Iodine mol. or ethyl alkene iodide mol. After that hydrolysis to give dicarboxylic acid.



Synthesis of Glutaric acid



+ 2C₂H₅OH