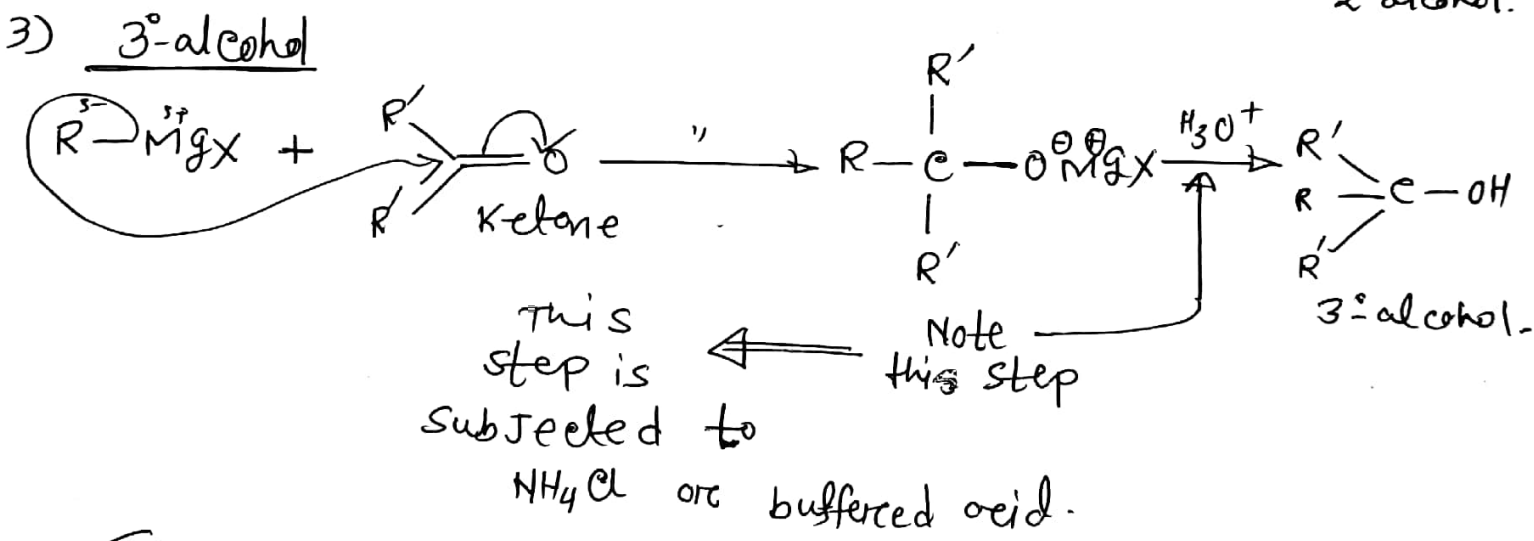
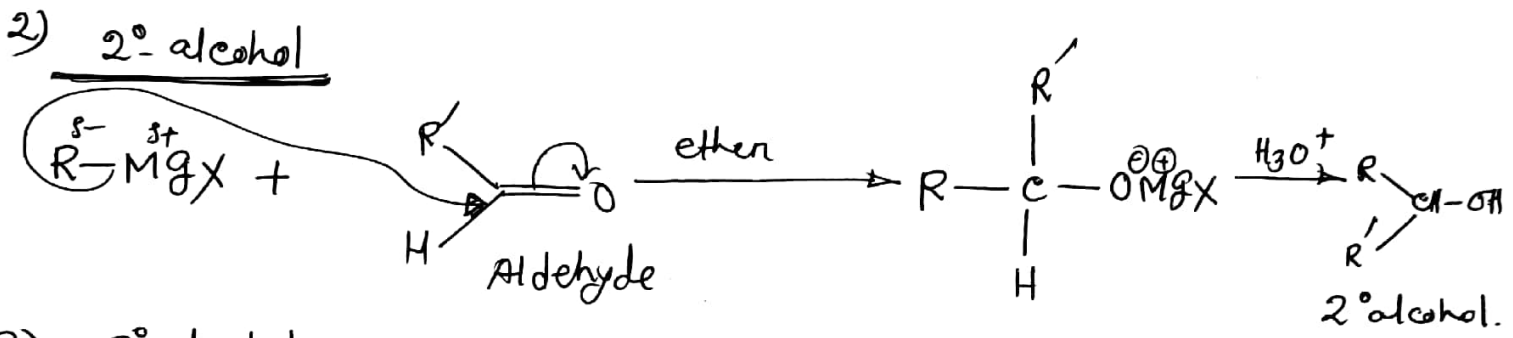
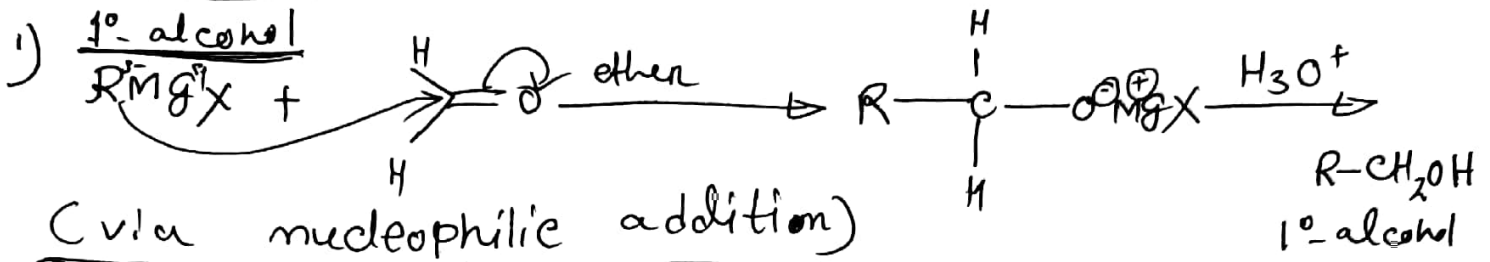
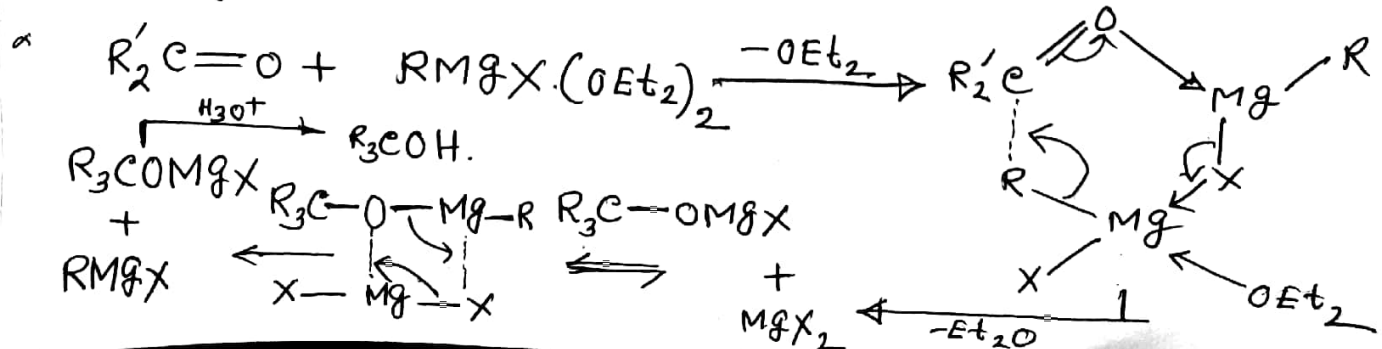


Synthesis of alcohol (1°, 2°, 3°)

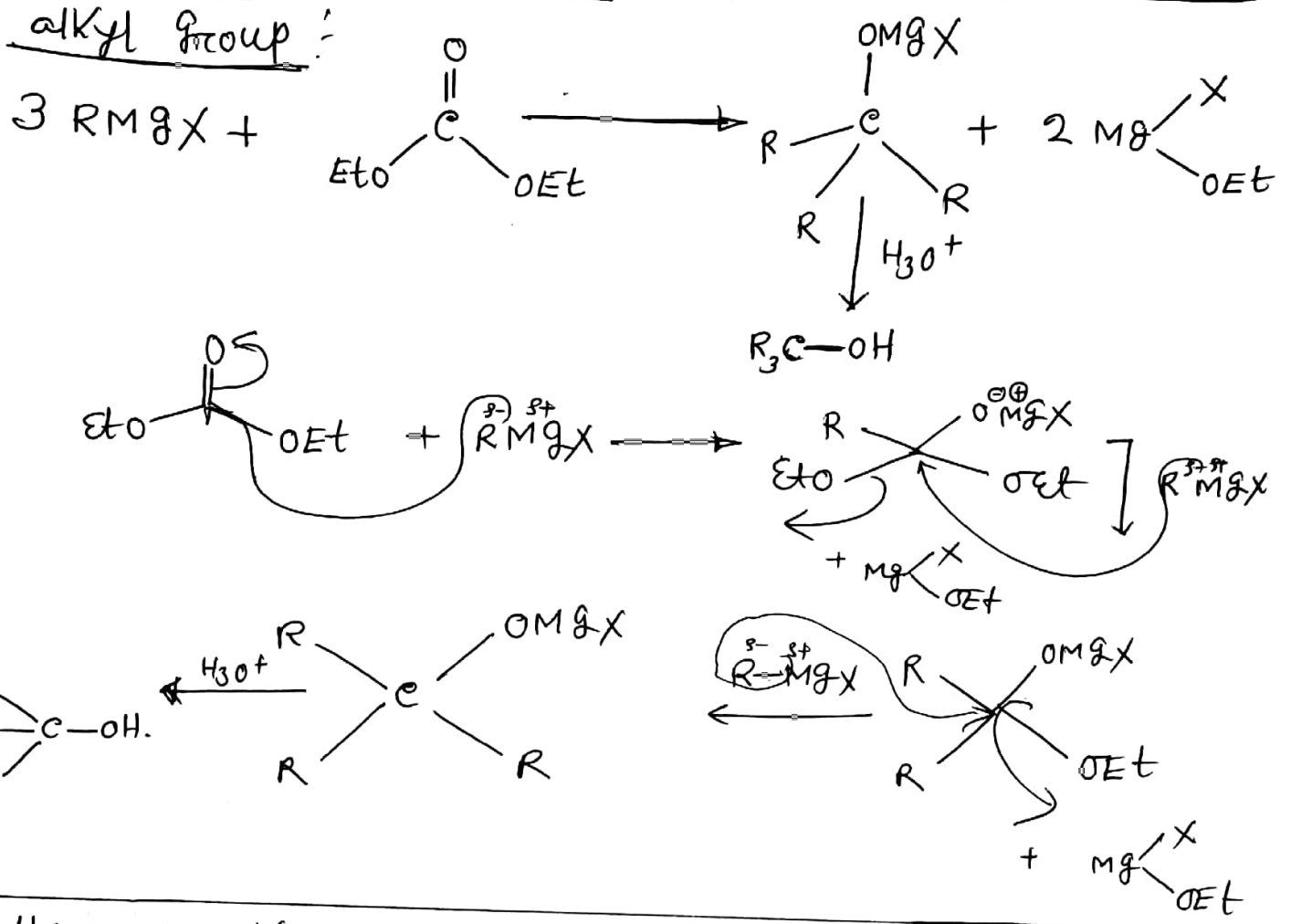


(because strong acid medium may dehydrate 3° alcohol to alkene)

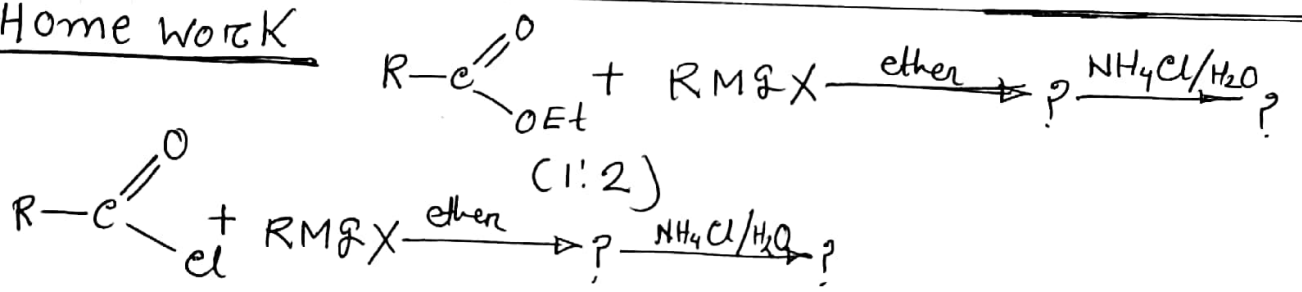
Another mechanism in the rxn of GR and Carboxyl compound:



Synthesis of 3° alcohol containing three identical alkyl group:

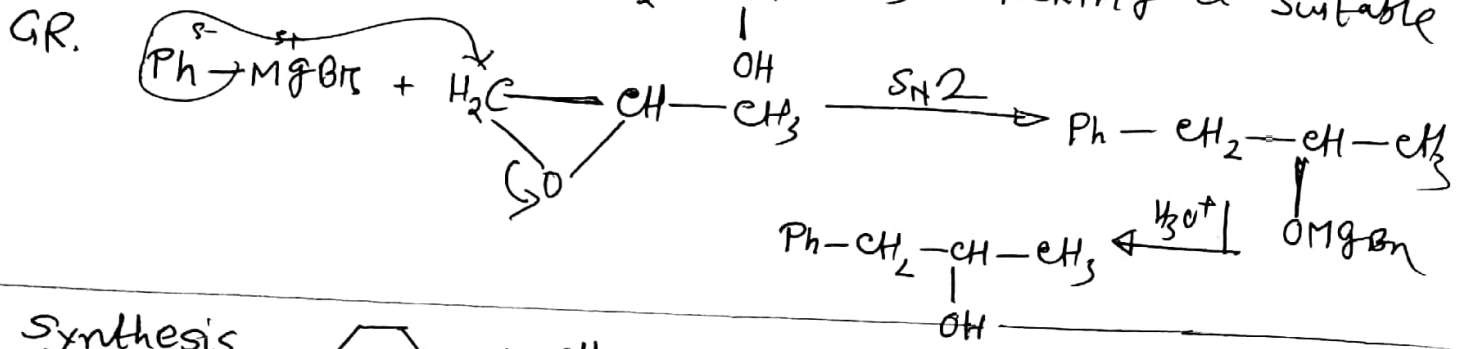


Home work



Synthesis

PhCH<sub>2</sub>-CH(OH)-CH<sub>3</sub> Taking a suitable GR.



Synthesis

and epoxide. Cyclohexane-CH<sub>2</sub>-CH<sub>2</sub>-OH without using formaldehyde

