

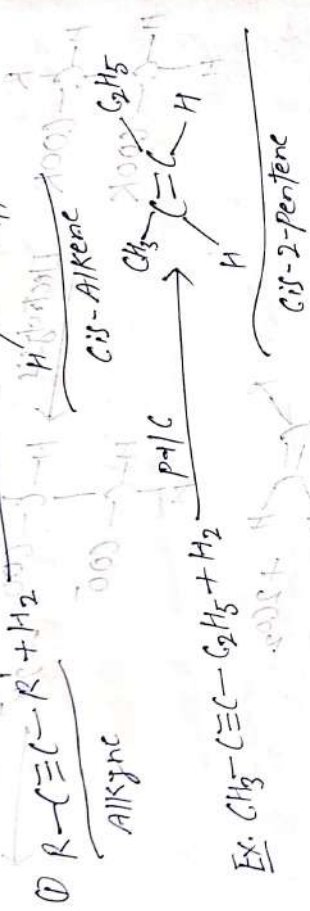
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(5) Lindlar Catalyst : —

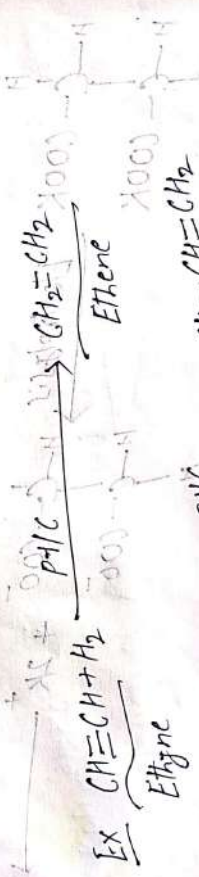
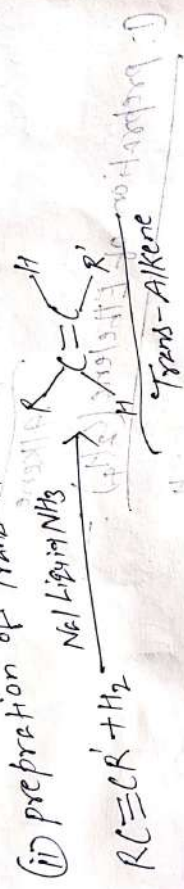
Palladium Charcoal is known as Lindlar Catalyst.

* Preparation of Cis-Alkene.

* Preparation of Cis-Alkene.



Ex. $CH_3-C \equiv C-C_2H_5 + H_2$

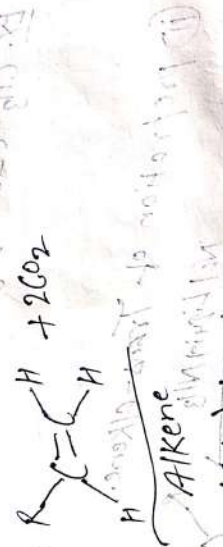
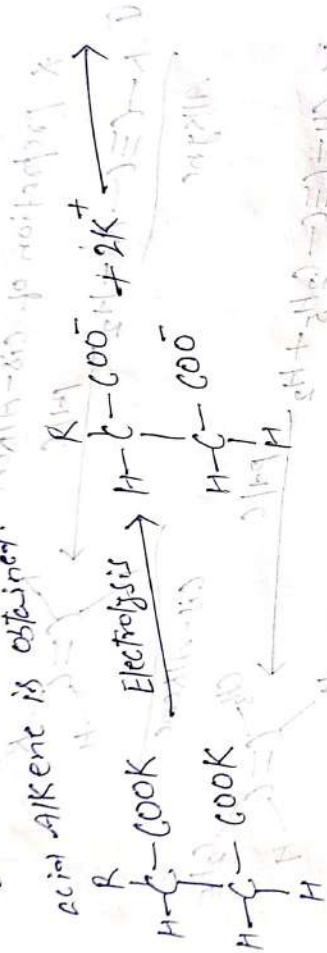


③ preparation of trans-Alkene.

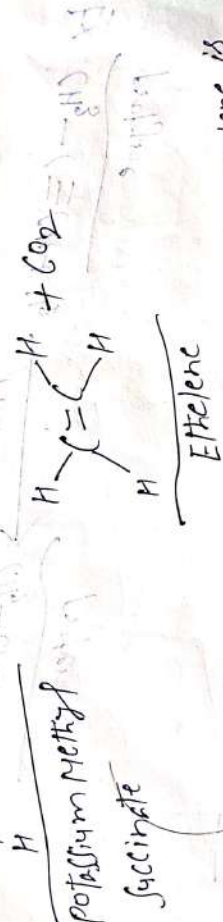
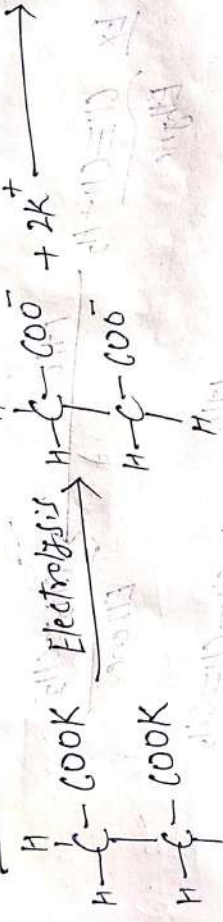
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4) Kolbe's Reaction :-

By electrolysis of sodium or potassium salt of succinic acid alkene is obtained.



1) preparation of Ethylene (C_2H_4) :-



By electrolysis of potassium methyl succinate ethylene is obtained.