

Tips and Tricks for Hydrocarbons

Let us see some of the important and useful tips to remember while preparing for Hydrocarbons

- The strong oxidizing agents are $K_2Cr_2O_7$ and $KMnO_4$
- Mild oxidizing agents are Ammoniacal $AgNO_3$, CrO_4 , Benedicts Solution, Fehling's Solution CuO or Cu , at 573K, Bromine water, and more
- Any derivative of the carboxylic acid can be reverted to the carboxylic acid by the process of hydrolysis.
- Haloalkanes can give out a possible functional group, and they can help to increase the chain size. So we can convert the starting material to the haloalkanes and after that, can go to the desired product.
- The Grignard reagent gives much-needed Alkyl nucleophiles that can be used at the appropriate places.
- Ozonolysis and Decarboxylation could be the go-to methods for decreasing the numbers of carbon atoms.
- It is necessary to make a note of Markovnikov's or Saytzeff rules in mind while dealing with alkenes.