

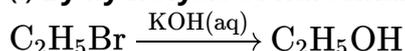


## Alcohols, Phenols, and Ethers

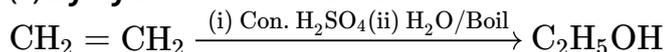
### Methods of Preparation of Alcohols

#### 1. General methods of preparation

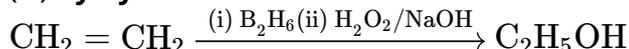
##### (i) By hydrolysis of haloalkanes



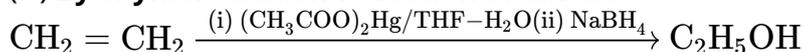
##### (ii) By hydration of alkenes



##### (iii) By hydroboration-oxidation of alkenes



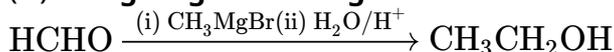
##### (iv) By oxymercuration-reduction of alkenes



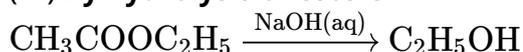
##### (v) By reduction of aldehydes and ketones



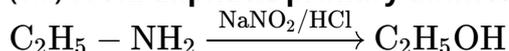
##### (vi) Using Grignard's reagent



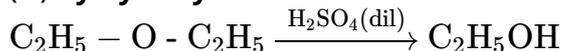
##### (vii) By hydrolysis of esters



##### (viii) From aliphatic primary amines



##### (ix) By hydrolysis of ethers



##### (x) By reduction of carboxylic acid and esters

