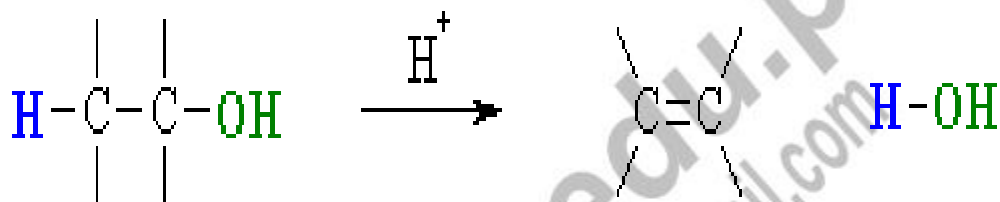


Preparation of Alkenes:

Structure and Preparation
of Alkenes:

Elimination Reactions:

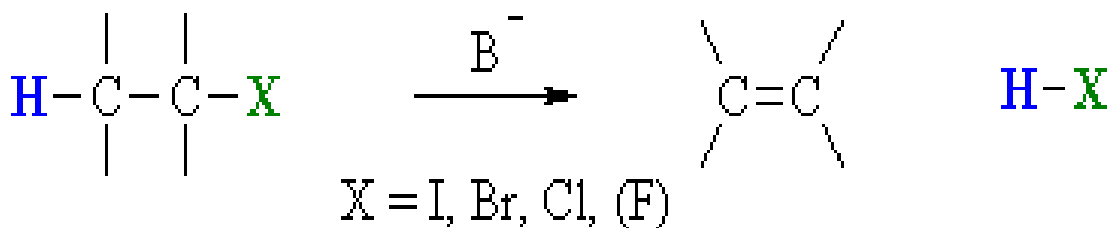
Dehydration of Alcohols



Summary:

- When heated with strong acids catalysts (most commonly H_2SO_4 , H_3PO_4), alcohols typically undergo an elimination reaction to generate an alkene and water.
- This reaction is also known as **dehydration** since it involves the removal of a molecule of water.

Dehydrohalogenation of Alkyl Halides



Summary:

- When heated with strong bases, alkyl halides typically undergo an elimination reaction to generate alkenes.
- Typical bases are sodium or potassium hydroxides or alkoxides in the alcohol as solvent.

<http://tec.edu.pk>
akber.khursheed@gmail.com