* Give the IUPAC name for each compound.

  

* Write structural formulas for each of the following:

**(A)** (*Z*)-But-2-en-1-ol

**(B)** 2-Chlorohex-3-yn-1-ol

**(C)** Butane-1,2,4-triol

* Write structures for the products that would be formed under the following conditions



