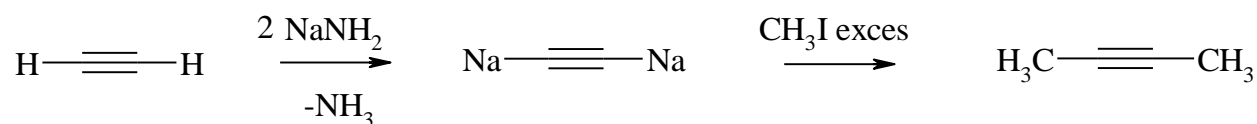


Answer on Question #62095, Chemistry / General Chemistry

Question 1

(a) How will you convert acetylene to but-2-yne.

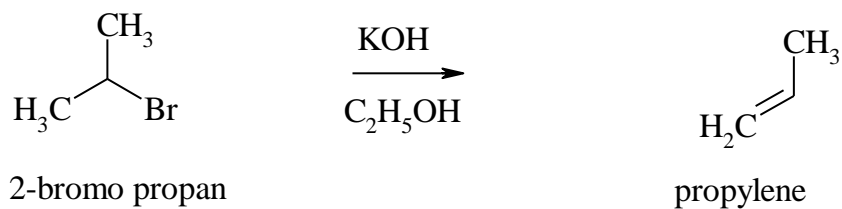
Solution:



Question 2

(b) Which is the major product obtained when 2-bromo propane is treated with alcoholic KOH? State the rule involved.

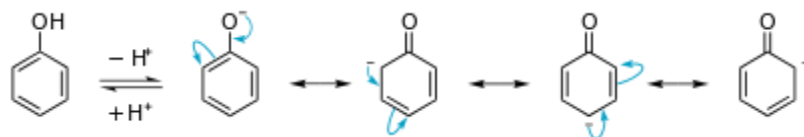
Solution:



Question 3

(c) Draw the resonating structures of phenol and explain why it influences the incoming electrophile to attack at ortho and para positions.

Solution:

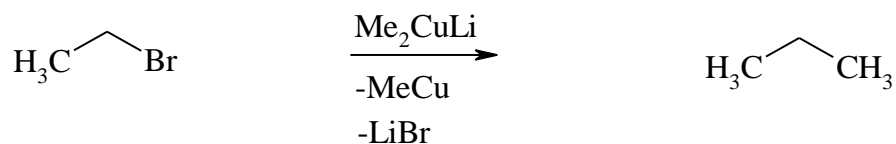


Question 4

(d) Why is Corey- House reaction preferred for the preparation of propane as compared to the Wurtz reaction.

Solution:

Because Corey- House reaction can be obtained pure propane not containing impurities:



In the Wurtz reaction always will be gas impurities:

