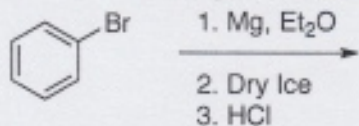
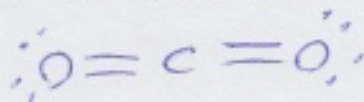


19. Consider the Grignard reaction of bromobenzene.



a. Draw the Lewis structure of dry ice.



b. The literature mp of benzoic acid is 122 °C. If you obtain a melting point of 115 °C, what does that tell you about your product?

→ PRODUCT IS IMPURE

c. When the solution boils during this reaction, what is present in the bubbles? Name the molecule(s), as appropriate.

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d. Draw and label the apparatus used in that reaction.

