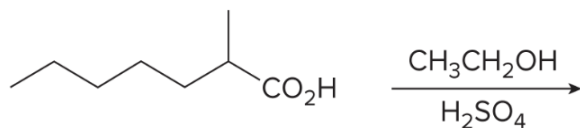


Week 5 Worksheet

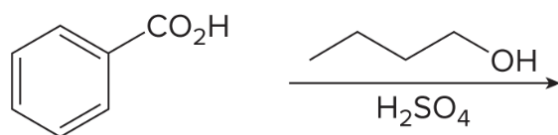
Chapter 20

1. Draw the products for each reaction (6th Ed., #20.16)

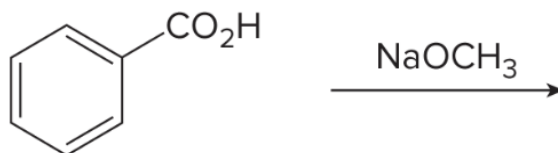
a.



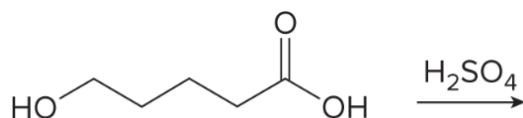
b.



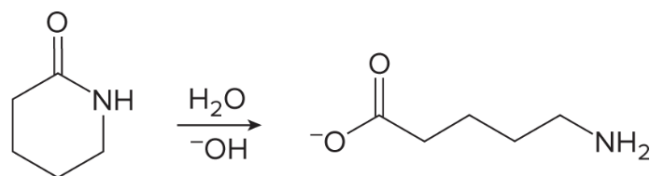
c.



d.

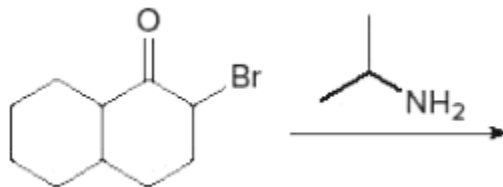


2. Draw a stepwise mechanism for the following reaction (6th Ed., #20.24)

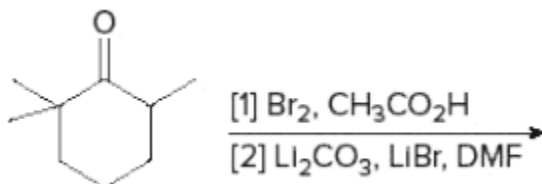


3. Draw the organic products formed in each reaction.

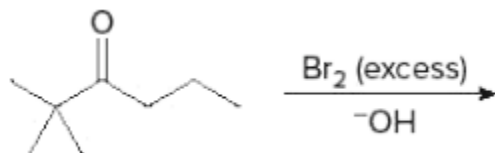
a.



b.

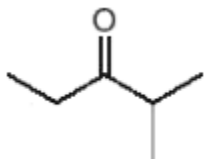


c.



4. Synthesize each compound from ethyl acetoacetate. You may use any other organic compounds or inorganic reagents.

a.



b.

