

Chapter 14

Use with Section 2

REINFORCEMENT

• Other Organic Compounds

Match each organic compound in the left column with the appropriate substitution group or groups in the right column.

Organic Compound

1. carboxylic acid

2. amine

3. alcohol

4. amino acid

Substitution Group

hydroxyl group

carboxyl group

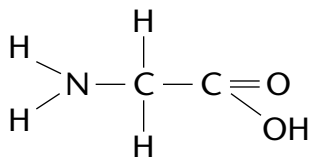
amino group

Complete the table below by placing an X in the appropriate box of the group of substituted hydrocarbons each compound belongs to.

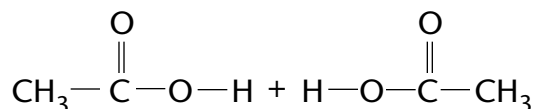
Compound	Alcohol	Carboxylic Acid	Amine	Amino Acid
5. vinegar (acetic acid)				
6. caffeine				
7. methanol				
8. formic acid				
9. glycine				
10. ethanol				

Study the chemical formulas for the different compounds. Circle the substitute group in each compound; then name the type of group in the space provided.

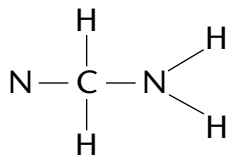
11.



12.



13.



14.

