



Section 5.3

Organic Compounds

Study Notes

By the end of section 5.3 you should be able to understand the following:

- Organic compounds always contain carbon, and almost always contain hydrogen as well.
- Organic chemistry is the study of compounds that contain carbon.
- Organic compounds may, or may not, come from living organisms. Carbon is what they all have in common.

NOTES

What is the difference between organic and inorganic compounds? What are the exceptions?

1.

2.

3.

What is special about carbon as compared to all other elements?

1.

Organic molecules often have carbon and hydrogen atoms. How are compounds that are organic but NOT acids written to not confuse the two?

1.

What is a hydrocarbon?

1.

NOTES

List the first 5 hydrocarbons by name and formula.

1.

2.

3.

4.

5.

Do the Reading Check on page 247

What is an alcohol? Methanol is a good solvent - what is a solvent? List the first three alcohols.

1.

2.

3.

4.

5.