

Organic Chemistry Fundamentals

Organic Chemistry · Answer Key · 4 Questions

1. What element is the primary defining characteristic of organic compounds?

- A) Oxygen
- B) Nitrogen
- C) Carbon**
- D) Hydrogen

2. Which type of hydrocarbon contains only single carbon-carbon bonds?

- A) Alkenes
- B) Alkynes
- C) Arenes
- D) Alkanes**

3. What is the functional group characteristic of an alcohol?

- A) Carbonyl group
- B) Carboxyl group
- C) Hydroxyl group**
- D) Ether group

4. Compounds with the same molecular formula but different structural formulas are known as what?

- A) Enantiomers
- B) Isotopes
- C) Stereoisomers
- D) Constitutional isomers**