

Macromolecules

A. Organic Compounds

Compounds that contain **CARBON** are called organic.

B. Macromolecules are large organic molecules.

C. Carbon

Carbon can bond with many elements, including hydrogen, oxygen, phosphorus, sulfur and nitrogen to form the molecules of life.

Carbon has **4** electrons in its outer shell.

Carbon can form covalent bonds with as many as **4** other atoms (elements), and even other atoms of carbon.

Carbon has the ability to form molecules of different sizes and complex molecules.

Example: CH_4 (methane)