



ALIPHATIC HYDROCARBONS



TRUE OR FALSE

Determine if the following statements are true or false. Write T for true and F for false (use capital letters)

- ____ 1. All hydrocarbons are small chemical compounds.
- ____ 2. Hydrocarbons are generally nonpolar compounds.
- ____ 3. Isomers of a given compound always have the same properties.
- ____ 4. Heptane is an unsaturated hydrocarbon.
- ____ 5. Butane has branched-chain molecules.
- ____ 6. The size of hydrocarbon molecules influences their properties.
- ____ 7. Any hydrocarbon ending in -ane has only straight-chain molecules.
- ____ 8. Some physical properties of alkenes are generally similar to those of alkanes.
- ____ 9. Alkynes are relatively rare in nature.
- ____ 10. Fossil fuels formed over millions of years from dead organisms.

