



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.

