

HEXADECANE

Meaning: Hexadecane is a straight-chain alkane with sixteen carbon atoms, commonly used as a reference standard in hydrocarbon analysis and as a model compound in phase behavior studies.

1. Hexadecane is often used as a standard in the analysis of hydrocarbon mixtures.
2. In the lab, hexadecane served as a model compound for studying phase behavior.
3. The researchers found that hexadecane had a significant impact on the viscosity of the solution.
4. Hexadecane's long carbon chain contributes to its properties as a high-energy fuel source.
5. Due to its stability, hexadecane is frequently utilized in various industrial applications.

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