

PENTADECANE

Meaning: Pentadecane is a straight-chain alkane hydrocarbon with the chemical formula C₁₅H₃₂, commonly used in scientific applications such as measuring octane ratings.

1. P Pentadecane is a straight-chain hydrocarbon with the molecular formula C₁₅H₃₂.
2. In the laboratory, researchers used pentadecane as a standard for measuring octane ratings.
3. The physical properties of pentadecane make it useful in various industrial applications.
4. Pentadecane can be found in certain types of kerosene and other petroleum products.
5. Environmental studies have examined the effects of pentadecane on marine ecosystems.

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