

OCTYL

Meaning: Octyl refers to a hydrocarbon group derived from octane, consisting of eight carbon atoms, commonly used in organic chemistry to impart hydrophobic properties to compounds.

1. Octyl groups are often used in the synthesis of various organic compounds.
2. The octyl chain adds hydrophobic characteristics to the molecule.
3. In the study, octyl alcohol was compared to other alcohols for its effectiveness as a solvent.
4. Researchers found that the incorporation of octyl residues improved the stability of the polymer.
5. The octyl variant of the compound exhibited enhanced solubility in nonpolar solvents.

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