

OCTOYL

Meaning: Octoyl refers to a chemical group derived from octanoic acid, typically consisting of an eight-carbon alkyl chain, used in organic synthesis to modify the properties of compounds, such as enhancing solubility or drug delivery.

1. The chemist synthesized a new compound featuring an octoyl group to enhance its solubility.
2. In the study, octoyl derivatives showed promising results in improving drug delivery systems.
3. The addition of octoyl chains to the polymer significantly increased its hydrophobic properties.
4. Researchers discovered that octoyl modifications could improve the performance of certain enzymes.
5. The formulation included octoyl esters to stabilize the emulsion and enhance texture.

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