

BUTYRYL

Meaning: Butyryl refers to a chemical group derived from butyric acid, characterized by the presence of a four-carbon chain and often involved in various organic compounds and their derivatives.

1. The butyryl group is an important functional unit in organic chemistry.
2. Researchers synthesized butyryl derivatives to explore their biological activity.
3. The butyrylcholinesterase enzyme plays a crucial role in the nervous system.
4. In their study, they focused on the effects of butyryl on cell metabolism.
5. The compound was identified as a butyryl donor in various chemical reactions.
6. Butyryl groups can enhance the solubility of certain pharmaceutical compounds.
7. The presence of butyryl in the molecular structure can influence its reactivity.
8. They discovered that butyryl esters exhibited unique flavor profiles in food products.
9. The analysis revealed that butyryl modifications improved the stability of the compound.
10. In biochemistry, butyryl is often linked to fatty acid metabolism.

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