

CARBONYL

Meaning: Carbonyl: a functional group characterized by a carbon atom double-bonded to an oxygen atom (C=O), commonly found in organic compounds.

1. The carbonyl group is a key functional group in organic chemistry.
2. In the reaction, the carbonyl compound was reduced to an alcohol.
3. Carbonyl compounds often exhibit unique reactivity due to the presence of a polar double bond.
4. Researchers synthesized a new carbonyl derivative to enhance the drug's efficacy.
5. The presence of a carbonyl group can significantly alter the properties of a molecule.
6. Carbonyls are commonly found in aldehydes and ketones, which have distinct characteristics.
7. The identification of carbonyls in the sample was confirmed through spectroscopic analysis.
8. In synthetic organic chemistry, carbonyl compounds serve as important intermediates.
9. The reactivity of carbonyls makes them useful in various chemical transformations.
10. Understanding the behavior of carbonyls is crucial for the development of new materials.

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