

FORMYL

Meaning: Formyl refers to a functional group in organic chemistry characterized by the presence of a carbonyl group (C=O) attached to a hydrogen atom (–CHO), commonly used to modify compounds and influence their reactivity.

1. Formyl groups are commonly used in organic synthesis to modify aromatic compounds.
2. The presence of a formyl functional group can significantly alter the reactivity of a molecule.
3. In the laboratory, chemists often utilize formyl derivatives to create complex chemical structures.
4. The formylation process is crucial in the production of various pharmaceuticals and agrochemicals.
5. Researchers are exploring innovative methods to incorporate formyl groups into biomolecules for therapeutic purposes.

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