

ANISOMEROUS

Meaning: Anisomeric refers to compounds or structures that have the same molecular formula but differ in arrangement or configuration, leading to distinct properties.

1. The concept of anisomeric structures plays a crucial role in understanding molecular diversity.
2. In chemistry, anisomeric compounds can exhibit vastly different properties despite having similar formulas.
3. Anisomeric relationships often lead to unique reactivity patterns in organic synthesis.
4. The study of anisomeric forms is essential for the development of new pharmaceuticals.
5. Researchers have identified several anisomeric isomers in their latest experiments.
6. Anisomeric configurations can complicate the interpretation of spectroscopic data.
7. Understanding anisomeric compounds can help in the design of more efficient catalysts.
8. The phenomenon of anisomeric behavior is frequently observed in chiral molecules.
9. Researchers are exploring the applications of anisomeric compounds in materials science.
10. Anisomeric structures can sometimes challenge traditional notions of stereochemistry.

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