

SULPHONIUM

Meaning: Sulphonium refers to a positively charged ion (cation) derived from a sulfur atom bonded to three organic groups, commonly found in sulphonium salts used as intermediates in organic synthesis.

1. The chemist synthesized a new compound containing a sulphonium ion to explore its potential applications.
2. In organic chemistry, sulphonium salts are often used as intermediates in various synthesis reactions.
3. Researchers discovered that the sulphonium group significantly enhances the reactivity of certain organic molecules.
4. The stability of sulphonium compounds makes them valuable in the development of novel pharmaceuticals.
5. Understanding the properties of sulphonium is crucial for students studying advanced organic chemistry.

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