

THIOPHENE

Meaning: Thiophene is a five-membered aromatic heterocyclic compound containing sulfur, commonly used in organic synthesis and known for its conductive derivatives in organic electronics.

1. Thiophene is commonly used as a building block in organic synthesis due to its unique aromatic properties.
2. Researchers discovered that thiophene derivatives exhibit promising conductivity for organic electronics.
3. The presence of thiophene in the material led to improved stability in various chemical reactions.
4. In the study, thiophene was incorporated into the polymer matrix to enhance its electrical properties.
5. The distinctive smell of thiophene can often be detected in laboratories where it is handled.

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