

HYDROXYLAMINE

Meaning: Hydroxylamine is a chemical compound used primarily as a reducing agent in organic synthesis and to produce oximes in various chemical reactions.

1. Hydroxylamine is often used as a reducing agent in organic synthesis.
2. The compound hydroxylamine can be utilized in various chemical reactions to form oximes.
3. Researchers are investigating the potential of hydroxylamine in environmental applications to reduce pollution.
4. Hydroxylamine is known to have applications in the pharmaceutical industry as an intermediate in drug development.
5. Due to its reactivity, hydroxylamine must be handled with caution in laboratory settings.

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