

SUBOXIDE

Meaning: Suboxide refers to a compound that contains a lower ratio of oxygen to another element than in a typical oxide, often exhibiting distinct electronic properties and affecting material conductivity.

1. Suboxide compounds are often studied for their unique electronic properties.
2. The formation of suboxide layers can significantly alter the material's conductivity.
3. Researchers are investigating the role of suboxides in enhancing battery performance.
4. Understanding the stability of suboxides is crucial for developing new semiconductor devices.
5. The synthesis of metal suboxides requires precise temperature control to achieve the desired structure.

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