

XANTHINE

Meaning: Xanthine is a purine derivative involved in nucleic acid metabolism and is produced in the body as a byproduct of purine degradation.

1. Xanthine is a purine derivative that plays a crucial role in the metabolism of nucleic acids.
2. In the human body, xanthine is produced as a byproduct of the breakdown of purines.
3. Research has shown that elevated levels of xanthine can be associated with certain metabolic disorders.
4. Xanthine oxidase is an enzyme that catalyzes the conversion of hypoxanthine to xanthine.
5. The presence of xanthine in coffee is often overlooked in discussions about its caffeine content.

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