

lactic acid (*lac-tic-ac-id*)

Definition

n. A colorless or yellowish, syrupy, water-soluble liquid, $C_3H_6O_3$, produced during muscle contraction as a byproduct of anaerobic glycolysis and also found in sour milk, cheese, and pickles.

Example Sentence

During intense exercise, **lactic acid** builds up in the muscles, causing fatigue.

More Example Sentences

Lactic acid is commonly used in the food industry as a preservative and flavoring agent.

Synonyms

milk acid; hydroxypropanoic acid; alpha-hydroxy acid

Antonyms

alkaline solution; base; neutral compound

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