

HEXOSE

Meaning: Hexose is a type of simple sugar (monosaccharide) that contains six carbon atoms, commonly found in forms like glucose and fructose, and is vital for energy production in cellular processes.

1. Hexose sugars, such as glucose and fructose, play a crucial role in cellular respiration.
2. The metabolic pathways involving hexose are essential for energy production in living organisms.
3. Researchers are studying the impact of hexose levels on metabolic disorders like diabetes.
4. In plant biology, hexose molecules are vital for photosynthesis and energy storage.
5. The fermentation process in yeast converts hexose into alcohol and carbon dioxide.

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