

Unit: Not Set

Topic: Not Set

Table of Contents

Topic 3.1 Enzyme Structure	2
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Topic 3.1 Enzyme Structure

Core Concepts

Now use short environment names. It is faster and safer!

Definition

Allosteric Regulation:

The regulation of an enzyme by binding an effector molecule at a site other than the enzyme's active site.

Equation 1

Gibbs Free Energy:

$$\Delta G = \Delta H - T\Delta S$$

Tip:

Use `defn`, `ex`, `eqn` for speed.

Example

Hemoglobin: Hemoglobin shows cooperativity.

Figure

Activation Energy

(Graph Placeholder)



Topic 3.1 Enzyme Structure

Testing page break...

Topic 3.2 Cellular Respiration

Glycolysis

Everything works perfectly.

Example

Glucose Breakdown: 1 Glucose -> 2 Pyruvate + 2 ATP + 2 NADH

Topic 3.2 Cellular Respiration

Unit Summary

Summary of Definitions

Allosteric Regulation	2
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Summary of Equations

1 Gibbs Free Energy	2
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