

Enzyme Concept Mapping

- activation energy
- active site
- active site (used twice)
- allosteric regulators
- amino acids
- -ase
- availability of coenzymes
- availability of cofactors
- binding site other than active site
- competitive inhibitors
- covalent bond
- disulfide bonds
- enzyme concentration
- E-S complex
- globular proteins
- hydrogen bonds
- hydrophobic/hydrophilic interactions
- increasing [substrate] near the active site
- increasing the favorability of the microenvironment
- inorganic materials required for enzyme activity
- non-competitive inhibitors
- organic compounds required for enzyme activity
- orientating substrate for reaction
- peptide bonds
- pH
- product
- region of enzyme other than the active site
- straining bonds
- substrate
- substrate concentration
- temperature
- tertiary structure

