

NSC108

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1. An inhibitor that bind tightly to enzyme forming a covalent bond with its active site is

Competitive inhibitor

non-competitive inhibitor

Un-competivite inhibitor

--->> Irreversible inhibitor

2. An inhibitor that affect both the  $K_m$  and  $V_{max}$  of an enzyme is

Competitive inhibitor

non-competitive inhibitor

--->> Un-competivite inhibitor

Irreversible inhibitor

3. A compound that bind to an exzyme but affect only the  $K_m$  of the enzyme is

--->> Competitive inhibitor

non-competitive inhibitor

Un-competivite inhibitor

Irreversible inhibitor

4. Which of the following class of enzyme doesn't participate in TCA cycle

transferase

oxidoreductases

--->> hydrolases

Isomerases

5. Site on an enzyme that is bound to other compound but not the site of enzyme catalysis is called

Active site

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--->> Regulatory site

Action site

6. Regulation of enzyme activity as a result of binding of more than one compound to the enzyme is associated with

Covalent modification

--->> Allosteric control

protein-protein interaction

proteolytic cleavage

7. The regulation of enzyme activity by addition or removal of group is known as

--->> Covalent modification

Allosteric control

protein-protein interaction

proteolytic cleavage

8. Proteins that require cleavage before they become active are

Allosteric enzyme

Protein-protein interaction

Isoenzymes

--->> Proenzyme

9. Proteins catalysing the same reaction but found in different part of a cell is referred to as

Allosteric enzyme

Protein-protein interaction

--->> Isoenzymes

Proenzyme

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