

Figure 3.8. Comparison of Michaelis–Menten and allosteric enzyme kinetics.

versible enzyme inhibitions are competitive, noncompetitive, and uncompetitive inhibitions. The substrate may act as an inhibitor in some cases.

Competitive inhibitors are usually substrate analogs and compete with substrate for the active site of the enzyme. The competitive enzyme inhibition scheme can be described as

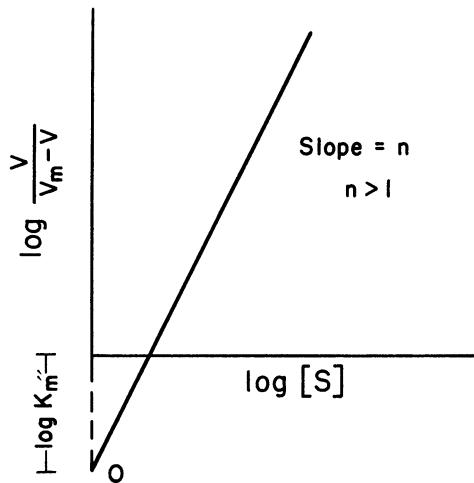
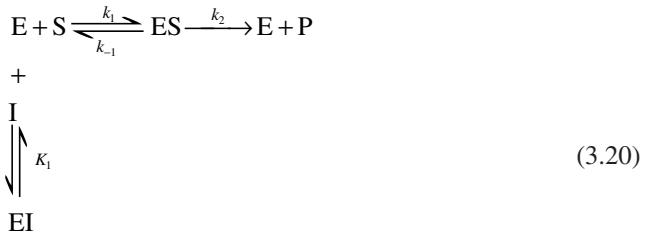


Figure 3.9. Determination of cooperativity coefficient.