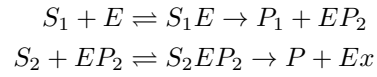


Bootcamp : Maths

Baptiste Rouger

September 19, 2016

Contents



$$V_0 \propto [S_1E] = a \cdot [E] \frac{[S_1]}{[S_1] + K}$$

Strong dissociation constant = lower ones.

Chemistry is an issue of energy and distribution of energy, which laws are described by thermodynamics.

Metabolism : deal with energy in the cell. In the metabolism, we find :

- catabolism : decomposing complex molecules
- anabolism : biosynthesis of molecules to store energy from the catabolism.

Metabolism is also :

- exoenergetic
- endoenergetic

Both are required.