Some equations and formulae that might or might not be useful:

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

$\Delta G = \Delta G'^{0} + RT\ ln\{[products]/[reactants]\}$

$K_{eq} = [products]/[reactants]$

$\Delta G'^{0} = -\ RT\ ln\{K_{eq}\}$

$K_{eq} = exp(-\Delta G'^{0}/RT)$

$R = 8.31$ J/K/mol

$k_B = 1.38 \times 10^{-23}$ J K^{-1}; $h = 6.62 \times 10^{-34}$ J s

$K_d = 1/K_a = exp(\Delta G'^{0}/RT)$

$K_d = [P][L]/[PL]$

$$\theta = \frac{[L]}{[L] + K_d}$$

$$\theta = \frac{[L]^{n_H}}{[L]^{n_H} + K_d}$$

$K_w = [H^+][OH^-] = 10^{-14}\ M^2$

$pH = -\log[H^+]$

$K_a = [H^+][A^-]/[HA]$

$pH = pK_a + \log([A^-]/[HA])$

$[A^-]/[HA] = 10^{pH-pKa}$

$$k = \frac{k_B T}{h} \exp\left(-\frac{\Delta G^{\mp}}{RT}\right)$$

$$V_o = V_{max} \frac{[S]}{[S] + K_m}$$

$V_{max} = k_{cat}[E]_{tot}$; $K_m = (k_{-1} + k_2)/k_1$

$$V_o = \frac{V_{max}}{\alpha'} \frac{[S]}{[S] + K_m \frac{\alpha}{\alpha'}}$$

$$\alpha = 1 + \frac{[I]}{K_I};\ \alpha' = 1 + \frac{[I]}{K_I'}$$

I might add more equations or additional information if necessary