$$R_1 = 0.015[\mathrm{CT}]$$

$$R_2 = 0$$

$$R_3 = 200\frac{[\mathrm{CP}][\mathrm{Y}]}{[\mathrm{CT}]}$$

$$R_4 = \left(0.018 + 180\left(\frac{[\mathrm{M}]}{[\mathrm{CT}]}\right)^2\right)[\mathrm{pM}]$$

$$R_5 = 0$$

$$R_6 = 1.0[\mathrm{M}]$$

$$R_7 = 0.6[\mathrm{YP}]$$

$$R_8 = 10^6 \quad \left(k_8[\sim\mathrm{P}][\mathrm{C2}] \gg k_9[\mathrm{C2}]\right)$$

$$R_9 = 10^3 \quad \left(k_9[\mathrm{CP}] \gg k_6[\mathrm{CP}]\right)$$

$$R_1 = 0.015$$

$$R_2 = 0$$

$$R_3 = 200[\mathrm{CP}][\mathrm{Y}]$$

$$R_4 = \left(0.018 + 180[\mathrm{M}]^2\right)[\mathrm{pM}]$$

$$R_5 = 0$$

$$R_6 = 1.0[\mathrm{M}]$$

$$R_7 = 0.6[\mathrm{YP}]$$

$$R_8 = 10^6$$

$$R_9 = 10^3$$