

Species	Concentration (count)	k _{on}	k _{off}	reference
CB	'CBhi', 0.99e-6 i.e. 1/2 of total CB molarity (1.98*10e-6) 'CBlo', 0.99e-6 i.e. 1/2 of total CB molarity (1.98*10e-6)	CBhi = 1.1e7 CBhi_Ca = 1.1e7 CBlo = 8.7e7 CBlo_Ca = 8.7e7	CBhi = 2.607 CBhi_Ca = 2.607 CBlo = 35.76 CBlo_Ca = 35.76	[3]
PV	'PV', 4.55e-6			[5]
CR	'CRTT', 0.1976e-6 # 4/5 of total CR concentration (2 pairs of cooperative sites) 'CRind', 0.494e-6 # 1/5 of total CR	kon_T = 1.8e6 kon_R = 3.1e8 kon_ind = 7.3e6	koff_T = 53 koff_R = 20 koff_ind = 252	[2]
CaM	'CaM_NtNt', 0.5 * 57.82e-6 'CaM_CtCt', 0.5 * 57.82e-6	KonT_N = 7.7e8 KonR_N = 3.2e10 KonT_C = 8.4e7 KonR_C = 2.5e7	KoffT_N = 1.6e5 KoffR_N = 2.2e4 KoffT_C = 2.6e3 KoffR_C = 6.5	[4]
SERCA	1000*1e12 m ⁻²	kcst=17147e6 kcst=17147e6	cst=8426.3 kcst=8426.3 kcst=250	[7], [8]
P-type VDCC	2 – 237 in 25 approximately equal steps	Calculated with the parameters described in reference	Calculated with the parameters described in reference	[15]
PMCA	180 μ m ⁻²	k1_pmca = 1.5e8 k3_pmca = 12	k2_pmca = 15 k1_pmca = 4.3	[6]

References

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