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| --- | --- | --- |
| **Variable** | **Meaning** | **Value** |
|  | Soma length (cylindrical compartment) | 10 μ |
|  | Soma diameter | 10 μ |
|  | Membrane time constant | 0.01 s |
|  | Excitatory reversal | 0 mV |
|  | Inhibitory reversal | -70 mV |
|  | Leak reversal | -65 mV |
|  | Sodium channel reversal potential | 55 mV |
|  | Delayed rectifier potassium channel reversal potential | -75 mV |
|  | Sodium channel maximum conductance | 20 mS/cm2 |
|  | Delayed rectifier potassium channel maximum conductance | 25 mS/cm2 |