

Granule Cell - Steuber, Saviane & Berends - Support #9

NaF channel default parameters

25 May 2012 13:26 - Eugenio Piasini

Status:	New	Start date:	25 May 2012
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
In revision r2, the maximum conductance density and "offset" values used for the NaF channel in the reference ChannelML- and mod-based versions of the cell model seem to differ from the default value in the ChannelML definition. Specifically, the values are:			
* In GranuleCell_VSCS and GranuleCell_mod_all: gmax=4.0E-7 mS um ⁻² shift=-15.0			
* In the source:neuroConstruct/cellMechanisms/NaF/NaF_Chan.xml , default_gmax=400 mS cm ⁻² (=4.0E-6 mS um ⁻²) and shift=-10.			
If the default values are not in use anywhere else, I think they should be changed to coincide with the ones in the reference model.			