
Supporting Information for

Structure-activity analysis of N-type calcium channel inhibitor SO-3

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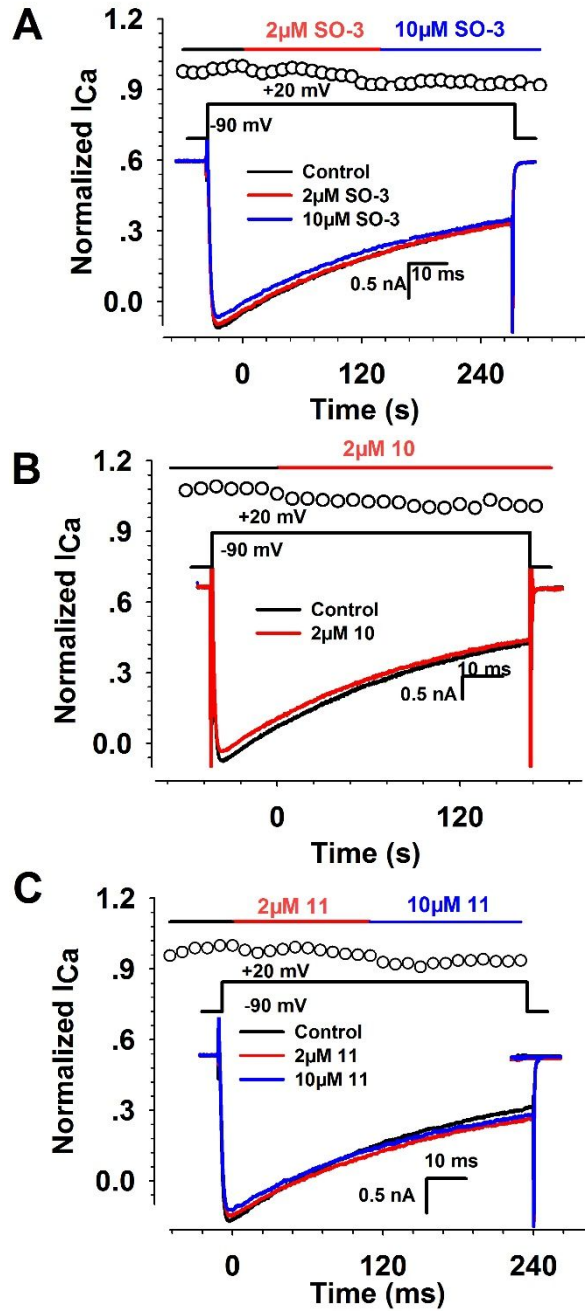


Figure S1. SO-3, variant 10 and variant 11 showed no effects on P/Q-type calcium channel (Cav2.1). (A) Top, the blocking time course of Cav2.1 channels treated with 2 μ M (red) and 10 μ M (blue) [peptide]; bottom, the repetitive traces of currents, which were evoked by a voltage step from a holding potential of -90 mV to a test pulse of + 20

mV for 100 ms with a 15-s interval per sweep. A~C is SO-3, variant **10** and variant **11**, respectively. Data are shown as means \pm SEM (N=7).