Analgesic Effects of GpTx-1, PF-04856264 and CNV1014802 in a Mouse Model of Nav1.7-Mediated Pain

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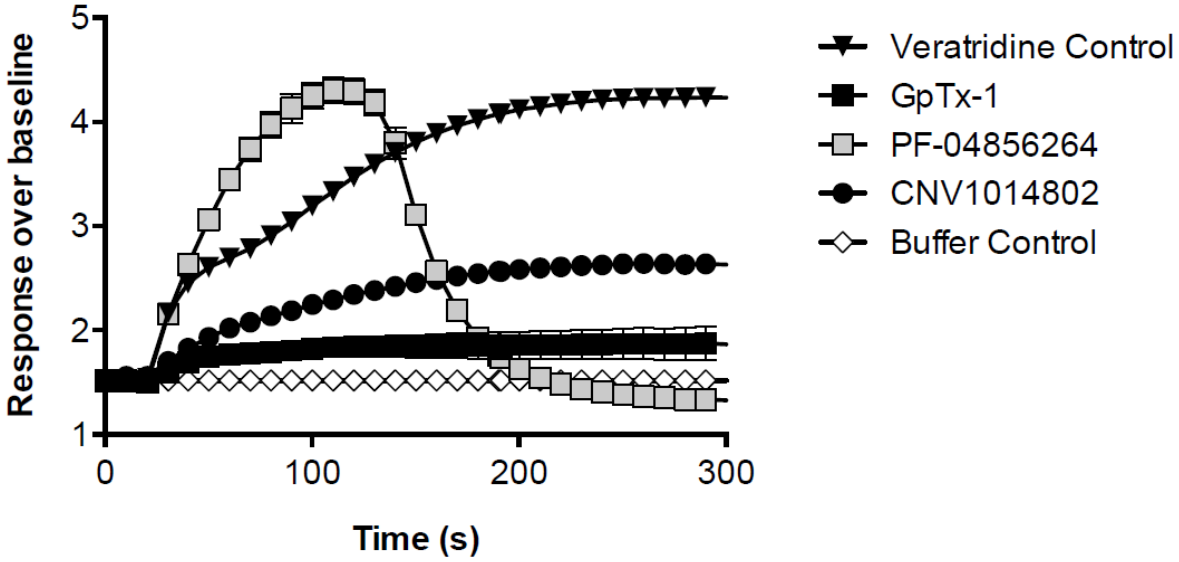

Figure S1. Sample trace of the FLIPR membrane potential assay in HEK cells heterologously expressing Nav1.7. GpTx-1 (100 μM), PF-04856264 (10 μM) and CNV1014802 (100 μM) all inhibited the veratridine-induced response. Response over baseline every 10 s is shown for clarity. Data is presented as mean ± SEM, n = 4–12 wells.

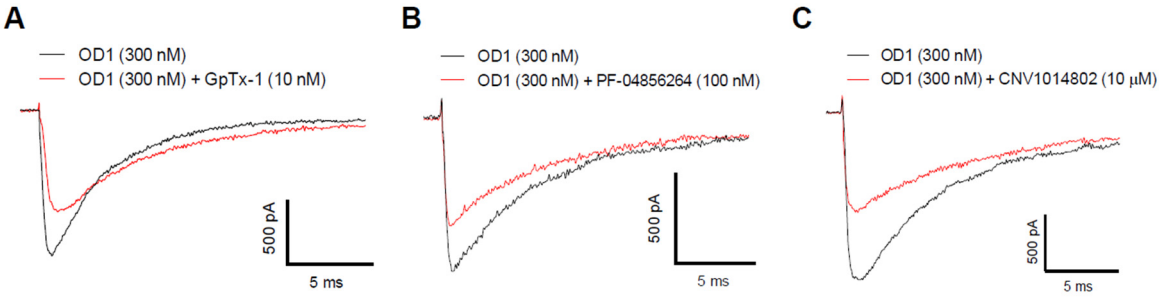

Figure S2. Sample current traces from CHO cells heterologously expressing hNav1.7 assessed by automated patch clamping. Currents were elicted by a 20 ms pulse to 0 mV with an 8 s conditioning voltage step of −55 mV in the presence of OD1 (300 nM) ± compounds. (**A**) GpTx-1; (**B**) PF-04856264 and (**C**) CNV1014802 all inhibited peak current, but did not affect OD1-induced persistent current.