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(54) Title: SODIUM CHANNEL REGULATORS AND MODULATORS

(57) Abstract: The present invention provides a method of identifying a modulator of a voltage gated sodium channel (VGSC), which method comprises bringing into contact a VGSC, a p11 peptide and a test compound under conditions where the VGSC and the p11 peptide are capable of forming a complex in the absence of the test compound; and measuring an activity of the VGSC, wherein a change in the activity of the VGSC relative to the activity in the absence of the test compound indicates that the test compound is a modulator of said VGSC. Compounds identified in such screening methods are proposed for use in the treatment of VGSC-related conditions, for example in the treatment or prevention of pain. Also provided are methods of enhancing the functional expression of a voltage gated sodium channel (VGSC) in a cell comprising the step of increasing the level of p11 in the cell.