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(54) **Title**: METHODS FOR DETERMINING SODIUM-PROTON-EXCHANGER LIGAND EFFICIENCY

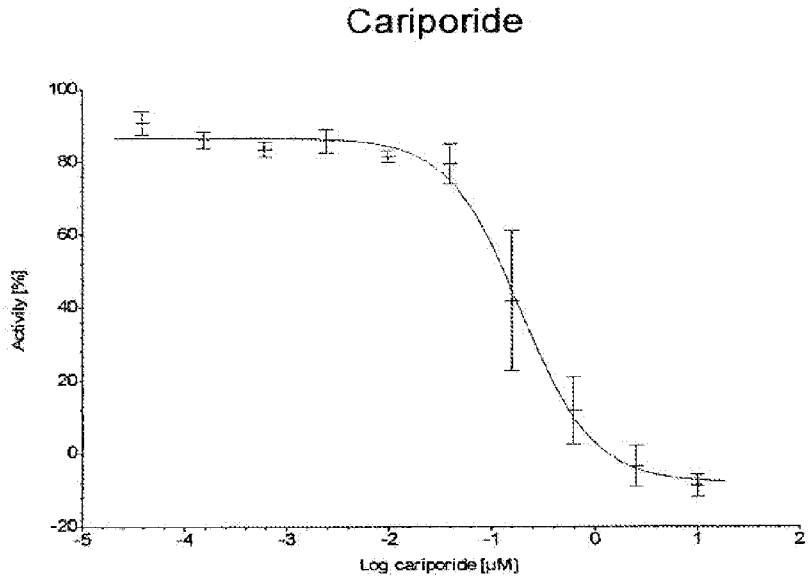


Fig. 1

(57) **Abstract**: The present invention relates to methods for determining the efficiency of an ion channel ligand comprising (a) contacting a cell expressing the ion channel with (i) plasma of an animal and (ii) the ion channel ligand and (b) determining the effect of the ion channel ligand on the cell.

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