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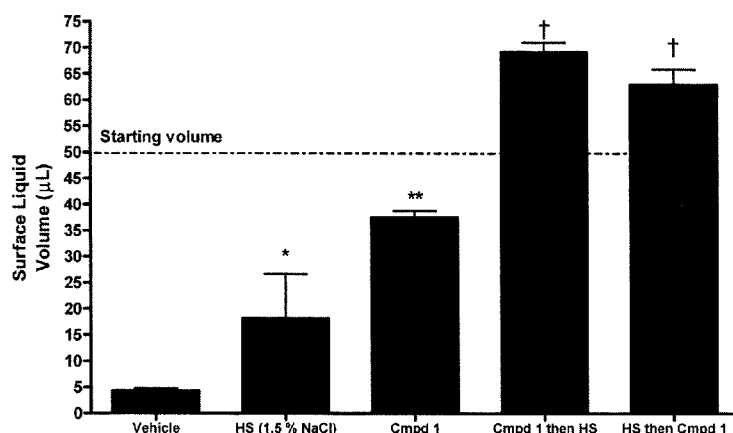
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(54) Title: METHODS OF ENHANCING MUCOSAL HYDRATION AND MUCOSAL CLEARANCE BY TREATMENT WITH SODIUM CHANNEL BLOCKERS AND OSMOLYTES

Effect of an Osmolyte (Hypertonic Saline) With or Without Sodium channel blocker Compound 1 (10 μ M) on Surface Liquid Volume after 8 h



* significance from Isotonic buffer (Vehicle) $P < 0.05$

** significance from HS ($P < 0.001$)

† significance from Cmpd 1 ($P < 0.001$)

(57) Abstract: The present invention relates to methods and compositions for treating diseases ameliorated by increased mucociliary clearance and mucosal hydration by administering an effective amount of a sodium channel blocker as defined herein and an osmolyte to a subject to a subject in need of increased mucociliary clearance and mucosal hydration.

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