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(54) Title: METHODS OF TREATING ASTHMA

(57) Abstract: Methods for agents useful for treating asthma are disclosed. The methods include screening for agents that inhibit the production of a PKC-θ protein, as well as for agents that inhibit the kinase activity of a PKC-θ protein, or a functional fragment thereof, wherein such agents are useful for treating asthma. The methods also include screening for agents that inhibit the production of a reporter gene product encoded by a nucleic acid sequence operably linked to a PKC-θ promoter. Also disclosed are methods of treating asthma that include administering an agent that inhibits the production of a functional PKC-θ protein or the kinase activity of a PKC-θ protein or a functional fragment thereof. An isolated mast cell lacking expression of endogenous PKC-θ is also disclosed.

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