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(54) Title: COMPOUNDS AND METHODS FOR TREATMENT OF ASTHMA, ALLERGY AND INFLAMMATORY DISORDERS

(57) Abstract

The present invention provides 1,4 substituted piperazines, 1,4 substituted piperidines, and 1–substituted,4–alkylidenyl piperidines compounds. The compounds of the invention are dual acting molecules having both leukotriene inhibition properties as well as antihistaminergic properties. The compounds of the invention are useful for treating conditions in which there is likely to be a histamine and/or leukotriene component. These conditions include preferably asthma, seasonal and perennial allergic rhinitis, sinusitus, conjunctivitis, food allergy, scombroid poisoning, psoriasis, urticaria, pruritus, eczema, rheumatoid arthritis, inflammatory bowel disease, chronic obstructive pulmonary disease, thrombotic disease and otitis media. Also provided are methods of treating asthma and rhinitis by administering an effective asthma and rhinitis–relieving amount of the compounds to a subject in need thereof.

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