

A medicinal composition for that prevention and treatment of asthma comprise Dendropanax Morbifera extract and its components as active ingredient

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Technology description

1. Technical overview

The technique relates to a pharmaceutical composition for the prevention and treatment of asthma or inflammatory diseases, which contains an Dendropanax morbifera extract or an active portion thereof as an active ingredient.

two. The impact of technology

This technique can regulate Th2 immune response in mouse asthma model induced by ovalbumin effectively inhibit the secretion of cytokines and significantly inhibit the inflammatory reaction mucus secretion and bronchial hyperresponsiveness in lung tissue.

Therefore, it can be effectively used as an active component in the composition to prevent and treat asthma or inflammatory diseases.

3. Technical content

The method for producing an extract of Dendropanax morbifera or its components is as follows:

A) extraction of Dendropanax morbifera extract with extraction solvent

B) extract from step A of filtration

C) concentrate the filtrate obtained in step B under decompression and then dry it to prepare the extract of Dendropanax morbifera

D) in addition to the Dendropanax morbifera extract of C, the Dendropanax morbifera fraction was produced by extraction with organic solvents.

The leaves, stems, or roots of Dendropanax morbifera are available, but the leaves are the most preferred.

Application area

Medical service

Institution

[Korea Research Institute of Bioscience and Biotechnology](#)

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