Complex containing guava leaf extract Bendu-381

Certified ingredient for health functional food by the Korea Ministry of Food and Drug Safety.

Patent No. 0834850: Anti-allergic rhinitis, anti-atopic dermatitis

or a complex herbal composition having an anti-chronic asthma effect

"It helps to improve nasal conditions (runny nose, nose itching, sneezing) caused by hypersensitivity reactions."



Major ingredients and recommendations

- Psidium Guajava Leaf Extract, Camellia Sinensis Leaf Extract, Rosa Centifolia Flower Extract
- Capsules, tablets, gummi/jelly, gel, granules, etc. can be manufactured (800 mg/day, yellowish-brown powder)

Specialty of product

- It inhibits allergic reactions and inflammation caused by allergens such as house mites, mold spores and pollen.
- It calms allergic reactions by stabilizing mast cells and inhibiting histamine release.
- It has a strong anti-inflammatory effect through inhibiting the production and secretion of inflammatory factors (IL-1β, IL-6, TNF-α, etc.) by macrophages.
- As a result of clinical test, it showed an excellent effect in alleviating the symptoms of allergic rhinitis (nose itching, sneezing, runny nose).

About the Product

- In 2009, for the first time in Korea, certified by the Korea Ministry of Food and Drug Safety as a health functional food ingredient for "improving nasal passages due to hypersensitivity reactions"
- It can be safely taken with 100% natural substances, and unlike antihistamines, there is no drowsiness or rebound phenomenon. Immune tolerance to allergens allows the patient to slowly recover from allergic disease.
- It inhibits passive skin anaphylaxis (PCA) in a concentration-dependent manner, and is expected to be effective in atopic dermatitis and urticaria.
- If taken for a long time, the effect of suppressing postprandial blood glucose elevation is expected. (Guava leaf extract is a notified ingredient for health functional food that can help suppress postprandial blood glucose elevation)
- As a result of the clinical test, there was a significant effect on runny nose, sneezing, and itchy nose ? nasal itchiness? after 4 weeks of ingestion (80 subjects, Department of Pulmonary, Allergy & Critical Care Medicine, Hallym University Sacred Heart Hospital)



List of related papers

Anti-Inflammatory Effects of BENDU381 in Lipopolysaccharide Stimulated RAW264.7 Cells. (2020) J. Korean Soc.
Food Sci. Nutr. 48(11), 1202-1211.

: It can be usefully used as a natural anti-inflammatory ingredient by inhibiting the expression of inflammatory cytokines and related enzymes.

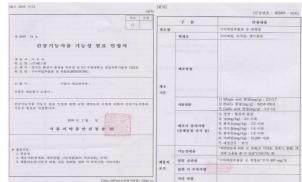
- The Effects of Extracts from Green Tea, Guajava Leaves and Rose Petals on Allergic Rhinitis: A Randomized Double Blind Control Study. (2009) Korean J. Asthma Allergy clin. immunol. 29(2), 89-95.
 : It effectively inhibits mast cell degranulation and histamine secretion by stabilizing mast cells, which play an important role in allergic rhinitis.
- Effect of phyto-extract mixture (PEM381) on Experimental atopic dermatitis. (2013) J. Nat. Sci. Res. 27(1), 73-78 : It relieves atopic dermatitis by inhibiting NO synthesis, one of the inflammatory mediators
- Inhibitory Effects of Phyto-Extract Mixture (PEM381) on Type I Allergic Reaction. (2007) J. Korean Soc. Food Sci. Nutr. 36(2), 155-162.

: It is effective in the treatment of allergic_rhinitis and atopic dermatitis by inhibiting 5-lipoxygenase and histamine secretion

• Effects of Phyto-Extract Mixture (PEM381) in Type I Allergic Reaction-Induced Mice. (2007) J. Korean Soc. Food Sci. Nutr. 36(11), 1377-1384.

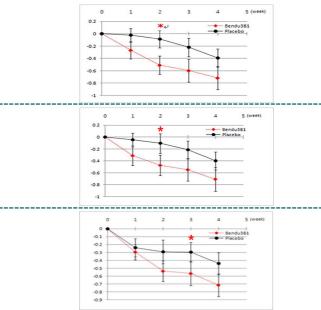
: It Inhibits of leukotriene synthesis and histamine secretion in animal model of type I allergy

Certificate of individual authorized health functional food



Clinical test of Bendu-381

- Ben's Lab Co., Ltd.
- Certification number: 2009-16
- Ingredients: Complex containing guava leaf extract
- content: It may help improve nasal conditions (nose itching, sneezing, runny nose) caused by hypersensitivity reactions.



Runny nose

• Significant improvement at 2 weeks of intake

Sneeze

• Significant improvement at 2 weeks of intake

Nose itching

• Significant improvement at 3 weeks of intake

