



## CAS 113-92-8 Chemical Intermediates Chlorphenamine Maleate For Allergies

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Minimum Order Quantity: 10Grams
- Price: USD
- Packaging Details: 1kg/Foil Bag
- Delivery Time: 3-7days after received payment
- Payment Terms: T/T, Western Union, PayPal
- Supply Ability: 5000KG Per Year



### Product Specification

- Product Name: Chlorphenamine Maleate
- Cas: 113-92-8
- Appearance: White Powder
- Purity: 99%
- Usage: Allergies
- Highlight: **Allergies Chemical Intermediates,  
Chemical Intermediates Chlorphenamine  
Maleate  
, CAS 113-92-8**



## Product Description

### API Raw Material CAS 113-92-8 Chlorphenamine Maleate For Allergies

#### Wholesales CAS 113-92-8 Chlorphenamine maleate

Product Name	Wholesales CAS 113-92-8 Chlorphenamine maleate
Appearance	White
Shelf Life	2 Years
Test Method	HPLC/UV
Function	For allergies

#### What's the Function of Chlorphenamine maleate?

The antihistamine effect of this product exceeds that of diphenhydramine and promethazine, with small dosage and mild side effects. For urticaria, vasodilatory rhinitis, colds, asthma, rhinitis, contact dermatitis, and also for allergies, insect bites and motion sickness caused by drugs and food.

#### What's the Application of Chlorphenamine maleate?

Indications: Used for colds and allergic diseases of skin and mucous membranes, and its functions are mainly used for urticaria, eczema, dermatitis, drug eruption, skin pruritus, neurodermatitis, insect bites, solar dermatitis, and also for allergic dermatitis, vasomotor rhinitis, drug and food allergies.

#### Description

Chlorpheniramine maleate is an antihistamine. When the body comes into contact with something it is allergic to, such as pollen, animal hair or fur, house dust, or insect bites, the body produces a chemical called histamine. This can cause itchy eyes, watery eyes, runny or stuffy nose, sneezing, and a possibly itchy rash. Chlorpheniramine maleate blocks the effects of histamine, which can reduce these symptoms.

Chlorpheniramine is an antihistamine used to relieve symptoms of allergies, hay fever, and the common cold. These symptoms include rash, watery eyes, itchy eyes/nose/throat/skin, coughing, runny nose and sneezing.

Chlorpheniramine inhibits the binding of [3H]trimethamine to histamine H1 receptors in guinea pig cortex with IC50 of 8.8 nM. Chlorpheniramine has a dose effect on the proliferation of MCF-7, M-D-A-MB 231 and Ehrlich cells, and can significantly reduce the translation of ornithine decarboxylase mRNA by 50% to 70% at 250 µM. Chlorpheniramine displaces [3H]pyridinamine from human histamine receptor subtype 1 expressed in CHO cells with IC50 of 66 nM. Chlorpheniramine has antimalarial activity against Plasmodium falciparum CQS strain (D6) and MDR strain (Dd2), with IC50 of 61.2 µM and 3.9 µM, respectively. Chlorpheniramine can inhibit concanavalin-a-induced mouse spleen lymphocyte proliferation with an IC50 of 33.4 µM. Chlorpheniramine has a concentration-dependent inhibitory effect

on histamine-induced  $[Ca^{2+}]_i$  in human salivary gland cells, with an  $IC_{50}$  of 128 nM, while the inhibitory effect of carbewol-induced  $[Ca^{2+}]_i$  is 43.9  $\mu M$ .

### Application

Chlorpheniramine maleate is an antiallergic drug, mainly used for the treatment of a series of allergic skin diseases, such as urticaria, eczema or allergic dermatitis, especially allergic dermatitis caused by seasonal changes, recurrence The rate is extremely high, and it is especially difficult to cure completely. The taking of chlorpheniramine maleate needs to be used under the guidance of a doctor, because long-term use has obvious side effects.



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