



LKT Laboratories, Inc.

Chlorpheniramine Maleate

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Product Information

Product ID C2949

CAS No. 113-92-8

Chemical Name ψ -(4-Chlorophenyl)-N,N-dimethyl-2-pyridine- propanamine Maleate

Synonym Allergisan, Anntagonate, Cloropiril, Histadur, Lorphen, Teldrin

Formula $C_{16}H_{19}ClN_2 \cdot C_4H_4O_4$

Formula Wt. 390.87

Melting Point 130-135°C

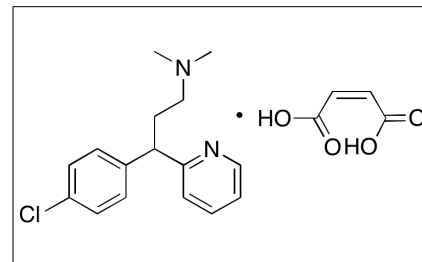
Purity $\geq 98\%$

Solubility Soluble in water (250 mg/mL) and ethanol (100 mg/mL).

Store Temp Ambient

Ship Temp Ambient

Description Chlorpheniramine is a first generation alkylamine antihistamine that inhibits H1 histamine receptors, serotonin transporters (SERT), and norepinephrine transporters (NET); it exhibits anti-allergic and antidepressant activities. Chlorpheniramine is clinically used to treat allergic rhinitis and urticaria. In animal models, chlorpheniramine displays some modulation of memory consolidation.



Bulk quantities available upon request

Product ID	Size
C2949	5 g
C2949	25 g
C2949	100 g

References Gianlorenço AC, Serafim KR, Canto-de-Souza A, et al. Emotional memory consolidation impairment induced by histamine is mediated by H1 but not H2 receptors. Brain Res Bull. 2012 Dec 1;89(5-6):197-202. PMID: 22986235.

Hellbom E. Chlorpheniramine, selective serotonin-reuptake inhibitors (SSRIs) and over-the-counter (OTC) treatment. Med Hypotheses. 2006;66(4):689-90. PMID: 16413139.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.