



LKT Laboratories, Inc.

Carbinoxamine Maleate

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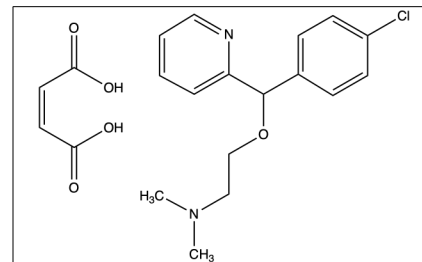
Product Information

Product ID C022692
CAS No. 3505-38-2
Chemical Name 2-[(4-Chlorophenyl)-2-pyridinylmethoxy]-N,N-dimethylethanamine maleate
Synonym Carbinoxamine maleate salt; Lergefin; Ciberon

Formula $C_{20}H_{23}ClN_2O_5$
Formula Wt. 406.86
Melting Point 116-118°C
Purity ≥98%
Solubility

Store Temp -20°C
Ship Temp Ambient

Description Carbinoxamine maleate is the maleic acid salt of carbinoxamine. It is well known as a histamine H1-antagonist, and anticholinergic agent. It has also been shown to inhibit infection by influenza A and B viruses in mice.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C022692	100 mg	\$45.00
C022692	500 mg	\$98.00
C022692	1 g	\$145.00

References Deng Y, Wang T, Li J, et al. Studies on the in vitro ion exchange kinetics and thermodynamics and in vivo pharmacokinetics of the carbinoxamine-resin complex. *Int J Pharm.* 2020 Oct 15;588:119779. PMID: 32805380.

El-Masry S, El-Morsi R. Simple HPLC method for quantitative determination of carbinoxamine in human plasma: application in pharmacokinetic studies and therapeutic drug monitoring. *Drug Res (Stuttg).* 2019 Jun;69(6):342-347. PMID: 30658353.

Xu W, Xia S, Pu J, et al. The antihistamine drugs carbinoxamine maleate and chlorpheniramine maleate exhibit potent antiviral activity against a broad spectrum of influenza viruses. *Front Microbiol.* 2018 Nov 6;9:2643. PMID: 30459739.

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