



LKT Laboratories, Inc.

Desloratadine

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Product Information

Product ID D1774

CAS No. 100643-71-8

Chemical Name 8-Chloro-6,11-dihydro-11-(4-piperidinylidene)-5H-benzo[5,6]cyclohepta[1,2,b]pyridine

Synonym Clarinex

Formula C₁₉H₁₉ClN₂

Formula Wt. 310.82

Melting Point 150-151 °C

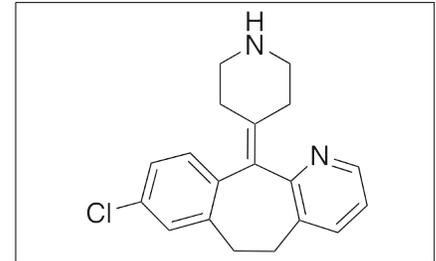
Purity ≥97%

Solubility Soluble in methanol and ethanol.

Store Temp 4 °C

Ship Temp Ambient

Description Desloratadine is a non-sedating tricyclic antihistamine that inhibits H1 histamine receptors. Desloratadine is an active metabolite of loratadine that exhibits anti-allergic, anti-asthma, and anti-inflammatory activities. Desloratadine inhibits histamine-induced bronchoconstriction and is clinically used to treat allergic rhinitis and chronic idiopathic urticaria. This compound also acts as a functional inhibitor of acid sphingomyelinase (FIASMA).



Bulk quantities available upon request

Product ID	Size
D1774	100 mg
D1774	500 mg
D1774	1 g

References Doetkotte R, Opitz K, Kiianmaa K, et al. Reduction of voluntary ethanol consumption in alcohol-preferring Alko alcohol (AA) rats by desoxypeganine and galanthamine. *Eur J Pharmacol.* 2005 Oct 17;522(1-3):72-7. PMID: 16209867.

Glass DJ, Harper AS. Assessing satisfaction with desloratadine and fexofenadine in allergy patients who report dissatisfaction with loratadine. *BMC Fam Pract.* 2003 Aug 13;4:10. PMID: 12917016.

Walsh GM. Second-generation antihistamines in asthma therapy: is there a protective effect? *Am J Respir Med.* 2002;1(1):27-34. PMID: 14720073.

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