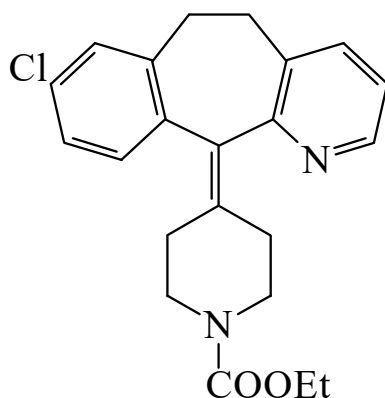




>>Entry Name: Loratadine, BAN, INN, USAN

Synonym(s): Ethyl 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-1-piperidinecarboxylate, 9Cl. 11-(N-Carboethoxy-4-piperidylidene)-8-chloro-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine. Civeran. Claritin. Claritine. Clarityn. Clarityne. Fristamin. Lisino. Lorastyne. Optimin. Versal. Sch 29851. Many other names



CAS Registry Number: 79794-75-5

Related CAS Registry Numbers(s): 100643-72-9

Molecular Formula: C₂₂H₂₃ClN₂O₂

Molecular Weight: 382.889

Accurate Mass: 382.144805

Percentage Composition: C 69.01%; H 6.05%; Cl 9.26%; N 7.32%; O 8.36%

Biological Use/Importance: Histamine H₁-receptor antagonist; used in the treatment of rhinitis and skin disorders. Other pharmacol. mechanisms under investigation

Physical Description: Cryst. (MeCN)

Development Status: Marketed drug. Launched 1988. Worldwide 5th best selling prescription drug (\$3.01 bn) (Schering-Plough) (2000, Pharma Business)

Melting Point: Mp 128-130°

Calculated Log P Data: Log P 5.05 (calc)

>>Derivative: Deethoxycarbonyl deriv.

Synonym(s): Desloratadine, BAN, INN. Sch 34117

CAS Registry Number: 100643-71-8

Molecular Formula: C₁₉H₁₉ClN₂

Molecular Weight: 310.825

Accurate Mass: 310.123675

Percentage Composition: C 73.42%; H 6.16%; Cl 11.41%; N 9.01%

Biological Use/Importance: Metab. of parent

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