



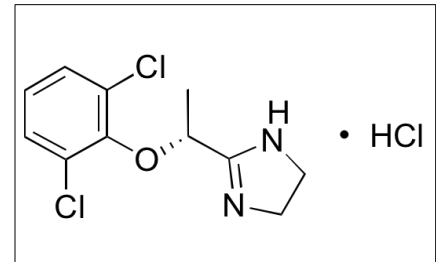
LKT Laboratories, Inc.

Lofexidine Hydrochloride

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Product Information

Product ID L5822
CAS No. 21498-08-8
Chemical Name 2-[1-(2,6-Dichlorophenoxy)ethyl]-4,5-dihydro-1H-imidazole hydrochloride
Synonym Lofetensin, Loxacor
Formula $C_{11}H_{12}Cl_2N_2O \cdot HCl$
Formula Wt. 295.60
Melting Point 230-232 °C
Purity ≥98%
Solubility Soluble in water and ethanol. Slightly soluble in 2-propanol. Practically insoluble in ether.
Store Temp 4 °C
Ship Temp Ambient
Description Lofexidine is an agonist at α_2 -adrenergic receptors that exhibits antihypertensive activity. Lofexidine is currently under examination as a treatment of opioid withdrawal. In animal models, lofexidine inhibits stress-induced reinstatement and self-administration of drug use. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
L5822	1 g	\$84.50
L5822	5 g	\$358.90
L5822	25 g	\$1273.40

References Gowing L, Farrell MF, Ali R, et al. Alpha2-adrenergic agonists for the management of opioid withdrawal. Cochrane Database Syst Rev. 2014 Mar 31;3:CD002024. PMID: 24683051.

Lê AD, Harding S, Juzytsch W, et al. Role of alpha-2 adrenoceptors in stress-induced reinstatement of alcohol seeking and alcohol self-administration in rats. Psychopharmacology (Berl). 2005 May;179(2):366-73. PMID: 15551068.

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