



LKT Laboratories, Inc.

Roxatidine Acetate Hydrochloride

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Product Information

Product ID R5894

CAS No. 93793-83-0

Chemical Name 2-Acetoxy-N-[3-[3-(1-piperidinylmethyl)phenoxy]-propyl]acetamide hydrochloride

Synonym Pifatidine, Altat, Gastralgin, Roxit

Formula $C_{19}H_{28}N_2O_4 \cdot HCl$

Formula Wt. 384.90

Melting Point 146-148°C

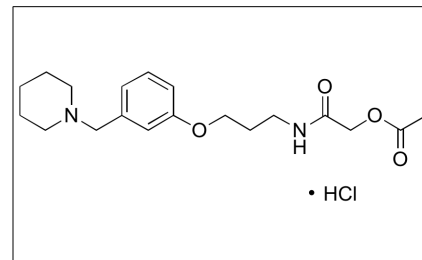
Purity ≥98%

Solubility

Store Temp Ambient

Ship Temp Ambient

Description Roxatidine is an antihistamine compound that inhibits H2 histamine receptors, exhibiting antacid and anti-ulcerative activities by preventing gastric acid secretion. Roxatidine also inhibits indomethacin-induced small intestinal injury by increasing mucus secretion in a NO-dependent manner.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
R5894	25 mg	\$112.60
R5894	100 mg	\$224.60
R5894	500 mg	\$653.30
R5894	1 g	\$1021.00

References Umegaki E, Yoda Y, Tokioka S, et al. Protective effect of roxatidine against indomethacin-induced small intestinal mucosal injury in rats. *J Gastroenterol Hepatol.* 2010 May;25 Suppl 1:S35-40. PMID: 20586863.

Murdoch D, McTavish D. Roxatidine acetate. A review of its pharmacodynamic and pharmacokinetic properties, and its therapeutic potential in peptic ulcer disease and related disorders. *Drugs.* 1991 Aug;42(2):240-60. PMID: 1717223.

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