



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<sub>19</sub>H<sub>28</sub>N<sub>2</sub>O<sub>4</sub> · HCl

**Formula Wt.** 384.90

**Melting Point** 146-148 °C

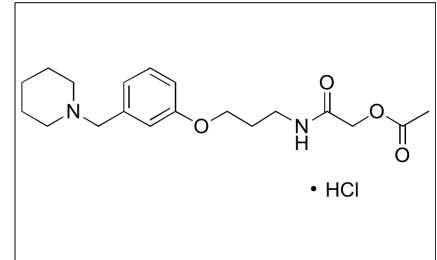
**Purity** ≥98%

**Solubility**

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** Roxatidine is an antihistamine compound that inhibits H<sub>2</sub> 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.



**Bulk quantities available upon request**

Product ID	Size
R5894	25 mg
R5894	100 mg
R5894	500 mg
R5894	1 g

**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.