**DATA SHEET**

**Product Name:** Roxatidine (Acetate Hydrochloride)

**Cat. No.:** HY-B0305A

**CAS No.:** 93793-83-0

**Molecular Formula:** C₁₉H₂₉ClN₂O₄

**Molecular Weight:** 384.90

**Target:** Histamine H2 Receptor

**Pathway:** GPCR/G Protein; Immunology/Inflammation

**Solubility:** 10 mM in DMSO

**BIOLOGICAL ACTIVITY:**

Roxatidine Acetate HCl is a specific and competitive histamin H2 receptor antagonist.

**Target:** Histamin H2 Receptor

Roxatidine acetate is a histamine H2-receptor antagonist which, after almost complete oral absorption (greater than 95%), is rapidly converted to its active metabolite, roxatidine, by esterases in the small intestine, plasma and liver. Roxatidine is a potent inhibitor of basal and stimulated gastric acid secretion in animals and humans and, like most other H2-receptor antagonists, has no anti-androgenic effects and does not interfere with the hepatic metabolism of other drugs [1, 2].

**References:**


**Caution:** Product has not been fully validated for medical applications. For research use only.

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