

# Cetirizine

**Catalog No: tcsc0886**



## Available Sizes

**Size:** 100mg

**Size:** 200mg

**Size:** 500mg



## Specifications

**CAS No:**

83881-51-0

**Formula:**

$C_{21}H_{25}ClN_2O_3$

**Pathway:**

Immunology/Inflammation;GPCR/G Protein

**Target:**

Histamine Receptor;Histamine Receptor

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

388.89

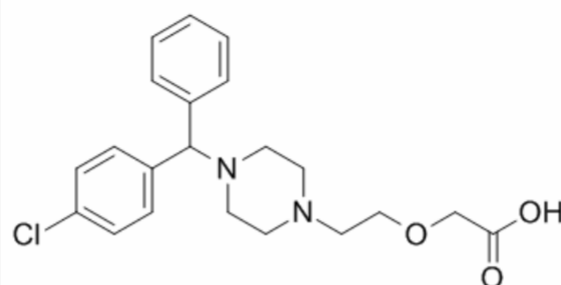
## Product Description

Cetirizine, a second-generation antihistamine, is a major metabolite of hydroxyzine, and a racemic selective H1 receptor inverse agonist used in the treatment of allergies, hay fever, angioedema, and urticaria.

IC50 value:

Target: Histamine H1 receptor

Cetirizine crosses the blood-brain barrier only slightly, reducing the sedative side-effect common with older antihistamines. It has also been shown to inhibit eosinophil chemotaxis and LTB4 release. At a dosage of 20 mg, Boone et al. found that it inhibited the expression of VCAM-1 in patients with atopic dermatitis. The levorotary enantiomer of cetirizine, known as levocetirizine, is the more active form. From Wikipedia.



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