

Product Information

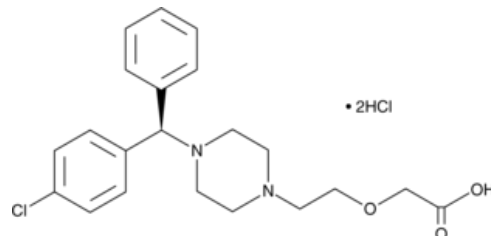


(R)-Cetirizine (hydrochloride)

Cat No: 23992 - 10 mg

General Data

Shipping:	dry ice
Formulation:	A crystalline solid
Purity:	≥98%



Product Overview

(R)-Cetirizine is the (R)-enantiomer of the histamine H1 receptor antagonist and second generation antihistamine cetirizine (Item No. 19686).{31604} (R)-Cetirizine binds to the H1 receptor with higher affinity than cetirizine ($K_{is} = 3$ and 6 nM, respectively) and is 25,000-100,000-fold selective for H1 receptors over muscarinic M1-M5 receptors.{39482} It decreases production of RANTES and eotaxin following antigen stimulation in mouse eosinophils in vitro in a concentration-dependent manner with a minimum effective concentration (MEC) of $0.05 \mu\text{M}$.{39483} Intranasal administration of (R)-cetirizine (0.01-1%) dose-dependently decreases histamine-induced nasal rubbing and sneezing in mice.{39484} Formulations containing (R)-cetirizine have been used in the treatment of allergic rhinitis and chronic idiopathic urticaria.

FP/02/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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Contact Bertin Bioreagent

Parc d'Activités du Pas du Lac
10 bis avenue Ampère
78180 Montigny le Bretonneux - France

Tel.: +33 (0)139 306 036

<https://www.bertin-bioreagent.com/pa206/contact-us>

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