

## **Product** Data Sheet

Inhibitors

Agonists

**Screening Libraries** 

## **Cetirizine Impurity C**

Cat. No.: HY-131256 CAS No.: 83881-59-8 Molecular Formula:  $C_{21}H_{25}CIN_2O_3$ 

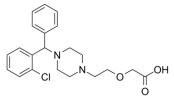
Molecular Weight: 388.89

Target: Histamine Receptor

Pathway: GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.



## **BIOLOGICAL ACTIVITY**

Description

Cetirizine Impurity C is an impurity of Cetirizine. Cetirizine, a second-generation antihistamine and the carboxylated metabolite of hydroxyzine, is a specific, orally active and long-acting histamine H1-receptor antagonist $^{[1]^{[2]}}$ 

## **REFERENCES**

[1]. Shih MY, et al. Influence of cetirizine and levocetirizine on two cytokines secretion in human airway epithelial cells. Allergy Asthma Proc. 2008 Sep-Oct;29(5):480-5.

[2]. Shimizu T, et al. Cetirizine, an H1-receptor antagonist, suppresses the expression of macrophage migration inhibitory factor: its potential anti-inflammatory action. Clin Exp Allergy. 2004 Jan;34(1):103-9.

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

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