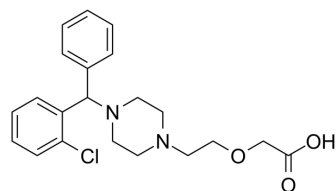


Cetirizine Impurity C

Cat. No.:	HY-131256
CAS No.:	83881-59-8
Molecular Formula:	C ₂₁ H ₂₅ ClN ₂ O 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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