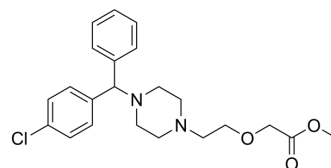


## Cetirizine methyl ester

Cat. No.:	HY-12966
CAS No.:	83881-46-3
Molecular Formula:	C <sub>22</sub> H <sub>27</sub> ClN <sub>2</sub> O <sub>3</sub>
Molecular Weight:	402.91
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 methyl ester is an impurity of [Cetirizine](#) (HY-17042). Cetirizine, a second-generation antihistamine and the carboxylated metabolite of hydroxyzine, is a specific, orally active and long-acting histamine H<sub>1</sub>-receptor antagonist<sup>[1]</sup>.

### REFERENCES

[1]. Do JA, et al. Collision-induced dissociation pathways of H<sub>1</sub>-antihistamines by electrospray ionization quadrupole time-of-flight mass spectrometry. Arch Pharm Res. 2017 Jun;40(6):736-745.

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

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