Product ID  C1876
CAS No.  83881-52-1
Chemical Name  2-[2-[(4-chlorophenyl)-phenyl-methyl]piperazin-1-yl]ethoxy]acetic acid
Synonym
Formula  C_{21}H_{25}ClN_{2}O_{3} • 2HCl
Formula Wt.  461.82
Melting Point  210-218°C
Purity  ≥99%
Solubility  Soluble in water & Methanol

Store Temp  Ambient
Ship Temp  Ambient

Description  Cetirizine is a second generation antihistamine that exhibits anti-inflammatory, immunomodulatory, and anti-allergic activities. Cetirizine inhibits histamine H1 receptors and is used to treat dermatitis in clinical settings. In vitro, cetirizine inhibits DNA binding activity of NF-κB, inhibits expression of adhesion molecules on immunocytes and endothelial cells, and inhibits production of IL-8 and leukotriene B4 (LTB4); this compound also increases release of prostaglandin E2 (PGE2), which suppresses antigen presentation and expression of MHC II on macrophages and decreases tryptase in mast cells.


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.