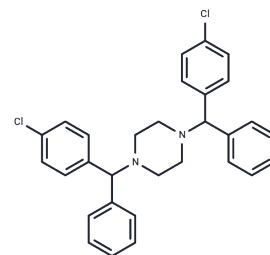


Cetirizine Impurity D

Chemical Properties

CAS No. : 346451-15-8
Formula: C₃₀H₂₈Cl₂N₂
Molecular Weight: 487.46
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Cetirizine Impurity D is an impurity of Cetirizine. Cetirizine is a second-generation antihistamine that acts as a specific, orally active, and long-acting antagonist of the histamine H ₁ -receptor. Cetirizine exhibits antiallergic properties and inhibits eosinophil chemotaxis in response to allergies.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0515 mL	10.2573 mL	20.5145 mL
5 mM	0.4103 mL	2.0515 mL	4.1029 mL
10 mM	0.2051 mL	1.0257 mL	2.0515 mL
50 mM	0.041 mL	0.2051 mL	0.4103 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Caroline M. Spencer, et al. Cetirizine. Drugs 46 (6): 1055-1080, 1993.

Shih MY, et al. Influence of cetirizine and levocetirizine on two cytokines secretion in human airway epithelial cells.

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