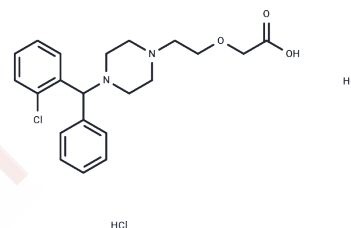


Cetirizine Impurity C dihydrochloride

Chemical Properties

CAS No. : 2702511-37-1
 Formula: C₂₁H₂₇Cl₃N₂O₃
 Molecular Weight: 461.81
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cetirizine Impurity C dihydrochloride, a specific impurity of Cetirizine, is associated with a second-generation antihistamine that serves as the carboxylated metabolite of hydroxyzine. This compound acts as a specific, orally active, and long-acting antagonist of the histamine H ₁ -receptor [1] [2].
Targets(IC50)	Others,Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1654 mL	10.827 mL	21.6539 mL
5 mM	0.4331 mL	2.1654 mL	4.3308 mL
10 mM	0.2165 mL	1.0827 mL	2.1654 mL
50 mM	0.0433 mL	0.2165 mL	0.4331 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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