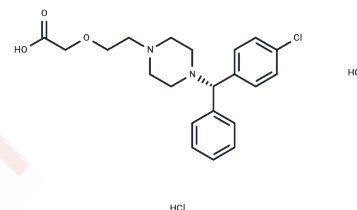


(S)-Cetirizine dihydrochloride

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 163837-48-7 |
| Formula: | C ₂₁ H ₂₇ Cl ₃ N ₂ O ₃ |
| 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 | (S)-Cetirizine dihydrochloride ((S)-P071) is an orally active histamine H1 receptor antagonist with a K_i value of 39.1 nM. By binding to the histamine H1 receptor, it blocks the action of histamine, providing antiallergic effects. (S)-Cetirizine dihydrochloride shows potential for research in allergic conditions such as allergic rhinitis. |
| Targets(IC50) | 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481