

Product Data Sheet

Product Name: (R)-(-)-Chlorpheniramine maleate

Cat. No.: GC79290

Chemical Properties

Cas. No. 23095-76-3

Formula $C_{20}H_{23}ClN_2O_4$

M.Wt 390.86

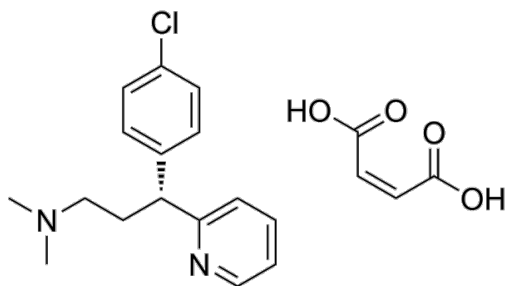
Solubility

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

(R)-(-)-Chlorpheniramine maleate is an enantiomer of Chlorpheniramine maleate. Chlorpheniramine maleate is a H1 antihistamine. (R)-(-)-Chlorpheniramine maleate can be used for allergic diseases such as rhinitis and urticaria research [1] [2].

References:

[1]. Sakurai E, et al. The optical resolution of racemic chlorpheniramine and its stereoselective pharmacokinetics in rat plasma. J Pharm Pharmacol. 1992 Jan;44(1):44-7.

[2]. Kim J, et al. Inhibitory effects of antihistamines, diphenhydramine and chlorpheniramine, on

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

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proton currents in BV2 microglial cells. Eur J Pharmacol. 2017 Mar 5;798:122-128.

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