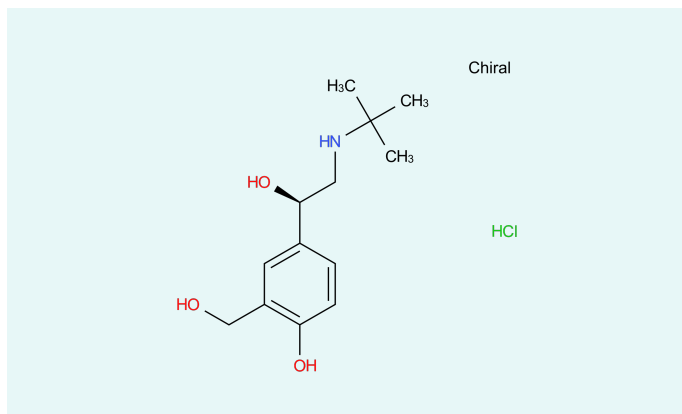


# Levo-Albuterol hydrochloride



## CAS

34391-04-3, 50293-90-8

## Status

Commercial

Inquiry

Levo-Albuterol hydrochloride is a chiral  $\beta_2$ -sympathomimetic that acts on the  $\beta_2$ -adrenergic receptors. The main effect is the relaxation of smooth muscle. An inhaler with Salbutamol can ease an asthmatic attack. The onset of action after a few seconds can be mitigated by other forms of administration (prolonged-release tablets) and delayed. In addition, salbutamol can be used as an anabolic and against tachycardia and tachyarrhythmia. Chirality affects efficacy, since only the (R)-enantiomer is active, it can be administered neatly. Since the counterpart has the same degradation mechanism, so the action time is extended. The (R)-enantiomer does not seem to possess a favorable profile of action.

## Description

|                             |                                       |
|-----------------------------|---------------------------------------|
| <b>Formula</b>              | $C_{13}H_{21}NO_3 \cdot HCl$          |
| <b>Molecular weight</b>     | 275.77 g/mol                          |
| <b>Molecular size</b>       | small                                 |
| <b>Controlled Substance</b> | no                                    |
| <b>Precursor</b>            | no                                    |
| <b>Indications</b>          | Drugs for obstructive airway diseases |

## Your Contact



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