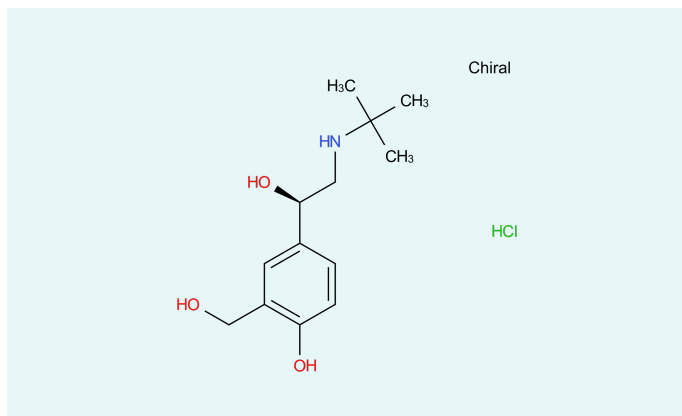


Levo-Albuterol hydrochloride



CAS

34391-04-3, 50293-90-8

Status

Commercial

Inquiry

Levo-Albuterol hydrochloride is a chiral β_2 -sympathomimetic that acts on the β_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

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

Your Contact



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