

**Brand Name:** Bricanyl Turbuhaler

**Generic:** terbutaline

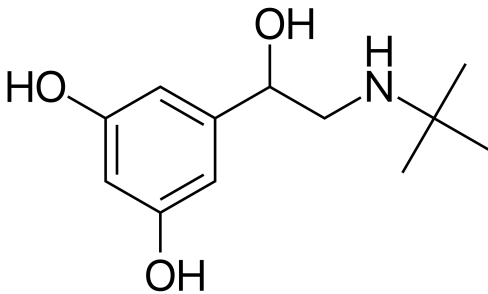
**Type:** small molecule

**Year Accepted/Phase:** 1993

**Mechanism:**

Terbutaline works by stimulating beta-2 adrenergic receptors in the lungs, which causes the muscles around the airways to relax, opening up the airways and making breathing easier.

**Chemical Structure:**



**Indication:**

Bricanyl Turbuhaler is indicated for the treatment of asthma and bronchospasm associated with bronchitis and emphysema.

## **Clinical trials:**

### **Clinical Trials for Asthma and COPD**

**Pubmed:** <https://pubmed.ncbi.nlm.nih.gov/2044734/>

**Purpose:** Evaluate the efficacy and safety of terbutaline in patients with asthma and chronic obstructive pulmonary disease (COPD).

**Dates:** Clinical trials for terbutaline have been conducted since the 1960s, with ongoing studies to assess its effectiveness and safety.

**Results:** These trials have demonstrated that terbutaline provides rapid relief of bronchospasm (sudden constriction of the airways) and improves lung function in patients with asthma and COPD. It is also effective in preventing exercise-induced bronchospasm.

**Impact:** The positive results from these trials have supported the approval and continued use of terbutaline for the treatment of asthma and COPD.