

**Brand Name:** Pulmicort

**Generic:** budesonide

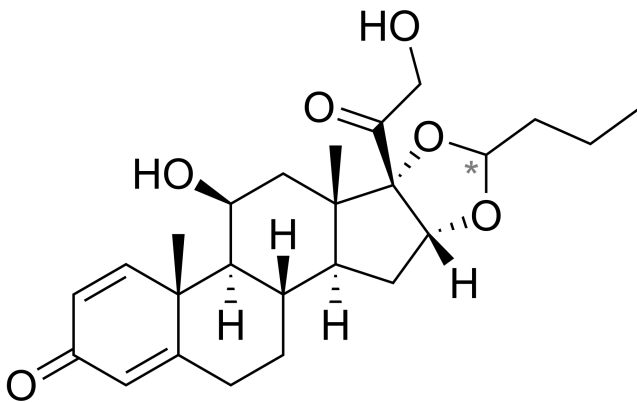
**Type:** small molecule

**Year Accepted/Phase:** 1980s

**Mechanism:**

Budesonide is a corticosteroid that works by reducing inflammation in the airways, thereby decreasing the frequency and severity of asthma symptoms.

**Chemical Structure:**



**Indication:**

Pulmicort is indicated for the maintenance treatment of asthma as prophylactic therapy in adults and children.

## **Clinical trials:**

### **Clinical Trials for Asthma**

**Purpose:** Evaluate the efficacy and safety of budesonide in patients with asthma.

**Dates:** Clinical trials for Pulmicort were conducted in the late 1980s and 1990s.

**Results:** These trials demonstrated that budesonide reduced the frequency of asthma exacerbations, improved lung function, and reduced the need for rescue medication (such as short-acting beta-agonists).

**Impact:** The positive results from these trials supported the approval of Pulmicort for the treatment of asthma.