**Procaterol Hydrochloride**

**Product Information**

**Product ID** P7056  
**CAS No.** 62929-91-3

**Chemical Name**

**Synonym**

**Formula** \(C_{16}H_{22}N_{2}O_{3} \cdot HCl\)

**Formula Wt.** 326.82

**Melting Point** 213-215°C

**Purity** ≥98%

**Solubility**

**Store Temp** Ambient  
**Ship Temp** Ambient

**Description**

Procaterol is an agonist at β2-adrenergic receptors that exhibits anti-inflammatory, anti-asthma, and bronchodilatory activities. Procaterol is used to treat asthma. In animal models, procaterol suppresses anaphylactic reactions. In bronchial epithelial cells, procaterol inhibits release of RANTES, GM-CSF, and IL-8, inhibiting eosinophil chemotaxis. Additionally, procaterol decreases expression of intracellular adhesion molecule 1 (ICAM-1) and vascular cellular adhesion molecule 1 (VCAM-1), inhibiting adhesion of eosinophils to fibroblasts.

**References**


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**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.