Salbutamol Sulfate

Product Information

- **Product ID**: S0045
- **CAS No.**: 51022-70-9
- **Chemical Name**: α₁-[[1,1-Dimethylethyl)amino]methyl]-4-hydroxy-1,3-benzenedimethanol sulfate
- **Synonym**: Aerolin, Arsnaven, Ecovent, Loftan, Salbutomol, Salbuvent, Venetlin, Volmax, salbutamol hemisulfate
- **Formula**: \((C_{13}H_{21}NO_3)_2 \cdot H_2SO_4\)
- **Formula Wt.**: 576.70
- **Melting Point**: 180°C
- **Purity**: ≥98%
- **Solubility**: Soluble in water. Slightly soluble in ethanol.

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

**Description**: Salbutamol is a short-acting agonist at β2-adrenergic receptors that is clinically used to treat asthma and chronic obstructive pulmonary disorder (COPD). Salbutamol exhibits bronchodilatory, anti-asthma, tocolytic, antioxidative, and anti-inflammatory activities. In vivo, salbutamol decreases carrageenan-induced inflammation and nociception, suppresses activity of myeloperoxidase, and increases activity of superoxide dismutase and levels of glutathione.

**References**


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