



LKT Laboratories, Inc.

Salmeterol

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Product Information

Product ID S0245

CAS No. 89365-50-4

Chemical Name

Synonym

Formula $C_{25}H_{37}NO_4$

Formula Wt. 415.57

Melting Point

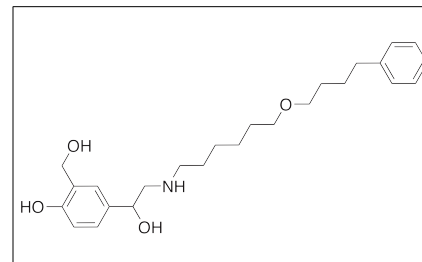
Purity $\geq 98\%$

Solubility Soluble in ethanol (50 mM),
and DMSO (100 mM)

Store Temp Ambient

Ship Temp Ambient

Description Salmeterol is a long-acting β_2 -adrenergic receptor agonist that is clinically used to treat asthma and chronic obstructive pulmonary disease (COPD). Salmeterol exhibits anti-asthma, anti-fibrotic, and anti-inflammatory activities. In vitro, salmeterol decreases TGF- β -induced deposition of collagen and fibronectin.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
S0245	5 mg	\$71.70
S0245	10 mg	\$111.50
S0245	25 mg	\$237.80
S0245	50 mg	\$452.10

References Lambers C, Qi Y, Eleni P, et al. Extracellular matrix composition is modified by β_2 -agonists through cAMP in COPD. *Biochem Pharmacol.* 2014 Oct 1;91(3):400-8. PMID: 25107701.

Coleman RA. On the mechanism of the persistent action of salmeterol: what is the current position? *Br J Pharmacol.* 2009 Sep;158(1):180-2. PMID: 19719780.

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