



LKT Laboratories, Inc.

Bambuterol Hydrochloride

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Product Information

Product ID B0150
CAS No. 81732-46-9
Chemical Name Dimethylcarbamic acid 5-[2-[(1,1-dimethylethyl)- amino]-1-hydroxyethyl]-1,3-phenylene ester hydrochloride

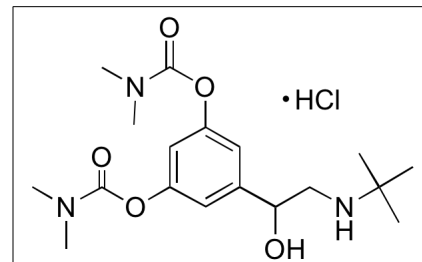
Synonym KWD-2183, Bambec

Formula $C_{18}H_{29}N_3O_5 \cdot HCl$
Formula Wt. 403.91
Melting Point 222-224°C
Purity ≥98%
Solubility Soluble in water (33mg/mL).

Store Temp 4°C

Ship Temp Ambient

Description Bambuterol is a long-acting β_2 -adrenergic agonist and inhibitor of butylcholinesterase (BChE). Bambuterol is a prodrug of terbutaline and exhibits bronchodilatory and anti-asthma activities. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
B0150	100 mg	\$60.00
B0150	500 mg	\$178.50
B0150	1 g	\$254.80
B0150	5 g	\$967.90

References Mohr F, Zimmermann M, Klein J. Mice heterozygous for AChE are more sensitive to AChE inhibitors but do not respond to BuChE inhibition. *Neuropharmacology*. 2013 Apr;67:37-45. PMID: 23147415.

Bosak A, Gazić I, Vinković V, et al. Stereoselective inhibition of human, mouse, and horse cholinesterases by bambuterol enantiomers. *Chem Biol Interact*. 2008 Sep 25;175(1-3):192-5. PMID: 18582854.

Waldeck B. Beta-adrenoceptor agonists and asthma--100 years of development. *Eur J Pharmacol*. 2002 Jun 7;445(1-2):1-12. PMID: 12065188.

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