



LKT Laboratories, Inc.

Pancuronium Bromide

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Product Information

Product ID P0252

CAS No. 15500-66-0

Chemical Name 1,1'-(3,17-Bis(acetyloxy)androstane-2,16-diyl)bis(1-methylpiperidinium) dibromide

Synonym 5alpha-Androstan-3alpha, 17beta-diol, 2beta,16beta-dipecolinio-, dibromide, diacetate

Formula C₃₅H₆₀Br₂N₂O₄

Formula Wt. 732.67

Melting Point 214-217C

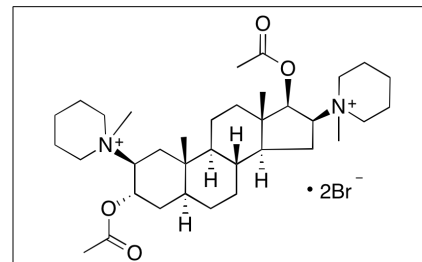
Purity ≥98%

Solubility 0.1 g/ml H₂O clear, colorless

Store Temp Ambient

Ship Temp Ambient

Description Pancuronium is a reversible, competitive inhibitor of post-synaptic nicotinic acetylcholine receptors (nAChRs) that acts as a non-depolarizing neuromuscular junction (NMJ) blocker. When used clinically, pancuronium induces skeletal muscle relaxation and acts as an anesthetic.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
P0252	10 mg	\$72.30
P0252	50 mg	\$237.70
P0252	100 mg	\$413.60
P0252	250 mg	\$775.30

References

Johnson PN, Miller J, Gormley AK. Continuous-infusion neuromuscular blocking agents in critically ill neonates and children. *Pharmacotherapy*. 2011 Jun;31(6):609-20. PMID: 21923445.

Jonsson M, Gurley D, Dabrowski M, et al. Distinct pharmacologic properties of neuromuscular blocking agents on human neuronal nicotinic acetylcholine receptors: a possible explanation for the train-of-four fade. *Anesthesiology*. 2006 Sep;105(3):521-33. PMID: 16931985.

Motamed C, Kirov K, Lieutaud T, et al. The mechanism of pancuronium potentiation of mivacurium block: use of the isolated-arm technique. *Anesth Analg*. 2000 Sep;91(3):732-5. PMID: 10960409.

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