



Product Information

Product ID V1810

CAS No. 50700-72-6

Chemical Name 1-[(2 α ,3 β 5 α ,16 β ,17 β)-3,17-Bis(acetyloxy)-2-(1-piperidinyl)androstano-16-yl]-1-methylpiperidinium bromide

Synonym Musculax, Norcuron, NC-45, Org-NC-45

Formula C₃₄H₅₇BrN₂O₄

Formula Wt. 637.74

Melting Point 227-229 °C

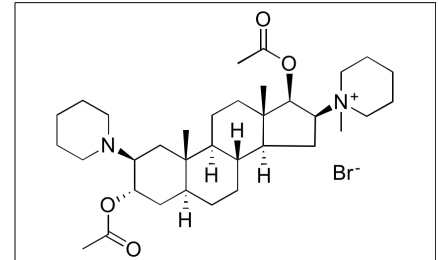
Purity \geq 98%

Solubility Soluble in water, DMSO, ethanol, chloroform, methanol.

Store Temp -20 °C

Ship Temp Ambient

Description Vecuronium is a non-depolarizing muscle relaxant that inhibits nicotinic acetylcholine receptors (nAChRs), blocking neurotransmission at the neuromuscular junction. Vecuronium is clinically used as an anesthetic and paralytic during tracheal intubation.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
V1810	10 mg	\$67.40
V1810	50 mg	\$180.00
V1810	100 mg	\$314.70

References de Boer HD. Neuromuscular transmission: new concepts and agents. J Crit Care. 2009 Mar;24(1):36-42. PMID: 19272537.

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.

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