

Pancuronium (bromide hydrate) Biochemical

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CATALOG #
AAA227326

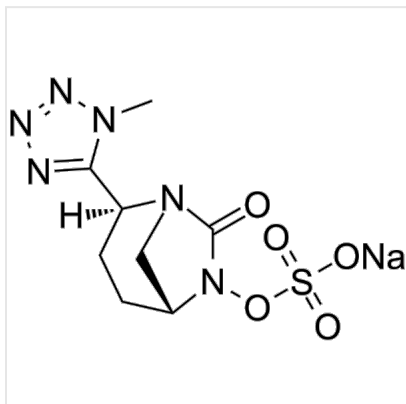
PRODUCT SYNONYMS

Pancuronium (bromide hydrate); Pancuronium (bromide hydrate) biochemical

PRODUCT SPECIFICATIONS

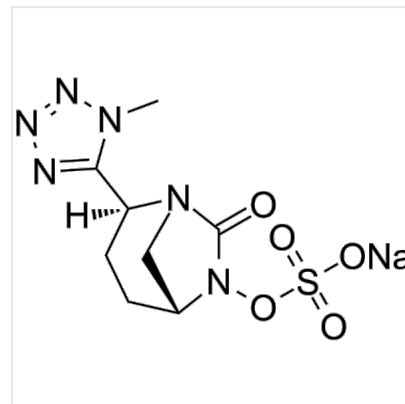
Purity/Purification	98%
Solubility	Ethanol: 10 mg/mL
	DMSO: 5 mg/mL
	DMF: 5 mg/mL
	PBS (pH 7.2): 1 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure

Antibacterial agent 59, CAS 1426572-66-8



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ADDITIONAL INFORMATION

Related Product Information for Pancuronium (bromide hydrate) biochemical	Pancuronium is an aminosteroid antagonist of muscle-type nicotinic acetylcholine receptors (nAChRs) with an IC ₅₀ value of 14.8 nM using patch clamp electrophysiology in BOSC23 cells expressing mouse nAChRs. It acts as a non-depolarizing neuromuscular blocking agent. Pancuronium enhances anesthesia induced by isoflurane, reducing immobilization with an ED ₅₀ value of 1.62 ug/kg.
References	1. Sachin Bhagwat, et al. 1,6- diazabicyclo [3,2,1] octan- 7 - one derivatives and their use in the treatment of bacterial infections. Patent WO2013030735A1.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/pancuronium-bromide-hydrate/227326>