



Rocuronium (Bromide)

Catalog No: tcsc1467

Available Sizes
Size: 10mg
Size: 50mg
Size: 100mg
Specifications
CAS No: 119302-91-9
Formula: C ₃₂ H ₅₃ BrN ₂ O ₄
Pathway: Others
Target: Others
Purity / Grade: >98%
Solubility: DMSO : ≥ 155 mg/mL (254.23 mM)
Alternative Names: ORG 9426 (Bromide)
Observed Molecular Weight: 609.68

Product Description





Rocuronium Bromide (ORG 9426 Bromide) is an aminosteroid non-depolarizing neuromuscular blocker or muscle relaxant used in modern anaesthesia, to facilitate endotracheal intubation and to provide skeletal musclerelaxation during surgery or mechanical ventilation.

In Vitro: Rocuronium reduced the indirectly elicited twitch tensions in normal (50% inhibitory concentration [IC(50)], 9.84 [9.64-10.04] μ M, mean [95% confidence interval]) and all pretreated diaphragms (P

In Vivo: Only 8.7±5.7% (SD) and 6.0±2.8% of an injected dose of ORG 9426 and ORG 9616 was excreted into the urine, respectively. Conversely, 54.4±9.2% and 52.4±9.2% of an injected dose of ORG 9426 and 35.7±12.2% and 46.8±9.7% of ORG 9616 were excreted into the bile in cats without and with renal pedicle ligation, respectively [4].

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