

Rocuronium (Bromide)

Catalog No: tcsc1467



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

119302-91-9

Formula:

$C_{32}H_{53}BrN_2O_4$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 155 mg/mL (254.23 mM)

Alternative Names:

ORG 9426 (Bromide)

Observed Molecular Weight:

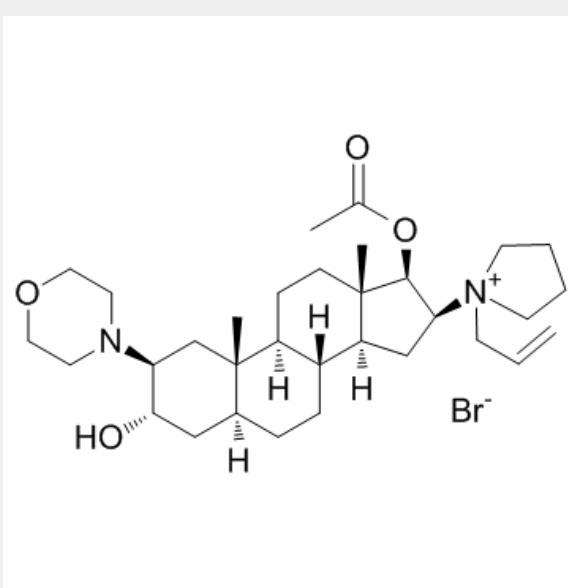
609.68

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



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