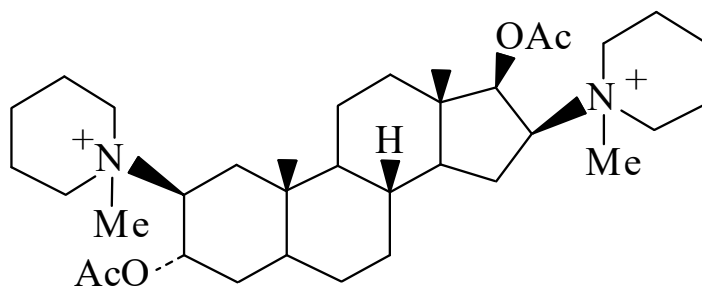




>>Entry Name: Pancuronium(2+)

Synonym(s): [3,17-Bis(acetyloxy)androstane-2,16-diyl]bis[1-methylpiperidinium], 9Cl



Molecular Formula: $C_{35}H_{60}N_2O_4^{2(+)}$

Molecular Weight: 572.87

Accurate Mass: 572.455308

Percentage Composition: C 73.38%; H 10.56%; N 4.89%; O 11.17%

>>Derivative: Dibromide

Synonym(s): Pancuronium bromide, BAN, INN, JAN, USAN. Mioblock. Myoblock. Pavulon. NA 97

CAS Registry Number: 15500-66-0

Molecular Formula: $C_{35}H_{60}Br_2N_2O_4$

Molecular Weight: 732.678

Accurate Mass: 730.33198

Percentage Composition: C 57.38%; H 8.25%; Br 21.81%; N 3.82%; O 8.73%

Use/Importance: Potent neuromuscular blocking agent

Physical Description: Bitter-tasting cryst.

Melting Point: Mp 215°

Solubility: V. sol. H_2O

Fluka: 76192

Sigma: P1918

References:

Savage, D.S. *et al.*, *J.C.S.(B)*, 1971, 410, (*cryst struct*)

Speight, T.M. *et al.*, *Drugs*, 1972, **4**, 163, (*rev*)

Buckett, W.R. *et al.*, *J. Med. Chem.*, 1973, **16**, 1116, (*synth, pharmacol*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 5727

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, PAF625; PAF630