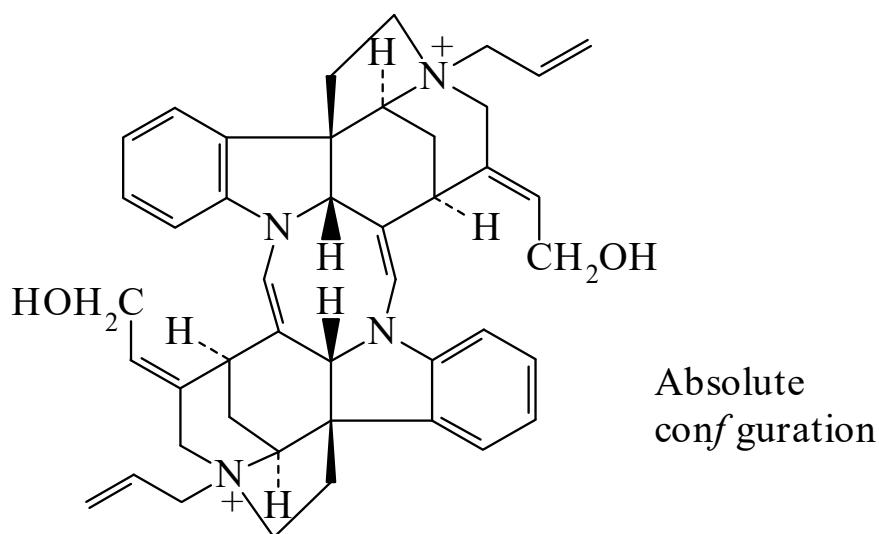




>>Entry Name: Alcuronium(2+)

Synonym(s): Diallylnortoxiferine. Alnortoxiferine



CAS Registry Number: 23214-96-2

Molecular Formula: $C_{44}H_{50}N_4O_2^{2(+)}$

Molecular Weight: 666.905

Accurate Mass: 666.393376

Percentage Composition: C 79.24%; H 7.56%; N 8.40%; O 4.80%

>>Derivative: Dichloride

Synonym(s): Alcuronium chloride, BAN, INN, JAN, USAN. Alloferin. Aloferin. Dialferin. Dialloferin. Ro 4-3816

CAS Registry Number: 15180-03-7

Molecular Formula: $C_{44}H_{50}Cl_2N_4O_2$

Molecular Weight: 737.81

Accurate Mass: 736.33108

Percentage Composition: C 71.63%; H 6.83%; Cl 9.61%; N 7.59%; O 4.34%

Use/Importance: Nondepolarising muscle relaxant, used in anaesthesia

Optical Rotation: $[\alpha]_D^{22} -348$ (c, 1 in MeOH)

Hazard & Toxicity: Human systemic effects reported when used therapeutically. LD₅₀ (rat, orl) 27.6 mg/kg. LD₅₀ (rat, scu) 0.28 mg/kg

References:

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