

Product Data Sheet

Product Name: Rocuronium

Cat. No.: GC37552

Chemical Properties

Cas. No. 143558-00-3

SMILES O[C@@H]1[C@@H](N2CCOCC2)C[C@@]3(C)[C@](CC[C@]4([H])[C@]3([H])CC[C@]5(C)[C@@]4([H])C[C@H]([N+]6(CC=C)CCCC6)[C@@H]5OC(C)=O)([H])C1

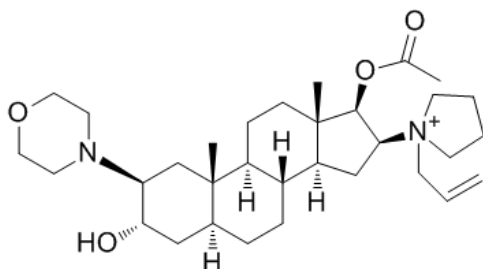
Formula $C_{32}H_{53}N_2O_4$ M.Wt 529.77

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Rocuronium (Org-9426) is an aminosteroid non-depolarizing neuromuscular blocker or muscle

Caution: Product has not been fully validated for medical applications. For research use only.

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relaxant used in modern anaesthesia.

[1]. Konishi J, Suzuki T, Kondo Y, Baba M, Ogawa S. Rocuronium and sugammadex used effectively for electroconvulsive therapy in a patient with Brugada syndrome. *J ECT*. 2012 Jun;28(2):e21-2. [2]. Zhang Y, Xiang Y, Liu J. Prevention of pain on injection of rocuronium: a comparison of lidocaine with different doses of parecoxib. *J Clin Anesth*. 2012 Jul 2. [3]. Suzuki T, Nameki K, Shimizu H, Shimizu Y, Nakamura R, Ogawa S. Efficacy of rocuronium and sugammadex in a patient with dermatomyositis. *Br J Anaesth*. 2012 Apr;108(4):703. [4]. Illodo Miramontes G, Doniz Campos M, Filgueira Garrido P, Vázquez Martínez A. Rocuronium used in rapid sequence intubation and reversal with sugammadex in a patient with myasthenia gravis. *Rev Esp Anesthesiol Reanim*. 2011 Dec;58(10):626-7. [5]. García Sánchez JI, Martínez Hurtado ED, Tordecilla Echenique YY, Santa-Ursula TJ. Rocuronium used after sugammadex. *Rev Esp Anesthesiol Reanim*. 2011 Dec;58(10):620-1.

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