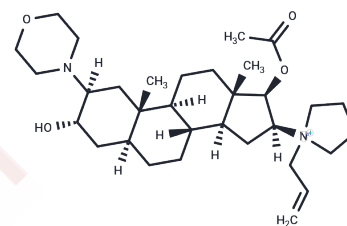


## Rocuronium

### Chemical Properties

CAS No. :	143558-00-3
Formula:	C <sub>32</sub> H <sub>53</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	529.77
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



### Biological Description

Description	Rocuronium is an blocker of aminosteroid non-depolarizing neuromuscular.
Targets(IC50)	Others,AChR

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8876 mL	9.4381 mL	18.8761 mL
5 mM	0.3775 mL	1.8876 mL	3.7752 mL
10 mM	0.1888 mL	0.9438 mL	1.8876 mL
50 mM	0.0378 mL	0.1888 mL	0.3775 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

- 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.
- 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.
- 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.
- 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.
- 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481