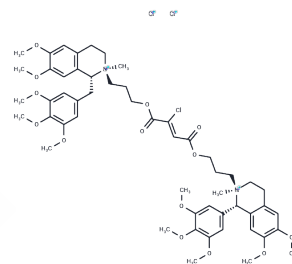


Gantacurium chloride

Chemical Properties

CAS No. :	213998-46-0
Formula:	C ₅₃ H ₆₉ Cl ₃ N ₂ O ₁₄
Molecular Weight:	1064.49
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Gantacurium chloride is a benzylisoquinoline alkaloid, which may be used as an adjuvant in anesthesia.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9394 mL	4.6971 mL	9.3942 mL
5 mM	0.1879 mL	0.9394 mL	1.8788 mL
10 mM	0.0939 mL	0.4697 mL	0.9394 mL
50 mM	0.0188 mL	0.0939 mL	0.1879 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

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- Sunaga H, Zhang Y, Savarese JJ, Emala CW. Gantacurium and CW002 do not potentiate muscarinic receptor-mediated airway smooth muscle constriction in guinea pigs. *Anesthesiology.* 2010 Apr;112(4):892-9. doi: 10.1097/ALN.0b013e3181d32016. PubMed PMID: 20216393; PubMed Central PMCID: PMC2854830.
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- Naguib M, Brull SJ. Update on neuromuscular pharmacology. *Curr Opin Anaesthesiol.* 2009 Aug;22(4):483-90. doi: 10.1097/ACO.0b013e32832b8cff. Review. PubMed PMID: 19384229.

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