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产品名称: **Amezinium Metilsulfate**

产品别名: 甲磺美嗪; **Amezinium methylsulfate; Lu-1631**

生物活性:				
Description	Amezinium metilsulfate has multiple mechanisms, including stimulation of alpha and beta-1 receptors and inhibition of noradrenaline and tyramine uptake. Target: alpha and beta-1 receptors. Amezinium metilsulfate is a sympathomimetic drug used for the treatment of low blood pressure. Cardiovascular effects of the new sympathomimetic Amezinium metilsulphate are investigated in 25 patients compared with a control group (n = 25). During spinal/epidural anaesthesia 5 mg amezinium is given i.v. if blood pressure dropped greater than 20 mmHg. from starting-point. A significant recovery of blood pressure (epidural anaesthesia: syst 21%, diast 9%; spinal anaesthesia: syst 13%, diast 6.6%) and a decrease in heart rate (6.8% resp. 4.5%) are thought due to peripheral vasoconstriction. Amezinium proves a stimulating drug for alpha- and beta 1-receptors by stabilising the systemic blood pressure in spinal/epidural anaesthesia.			
	In Vitro: DMSO : ≥ 34 mg/mL (108.51 mM) <small>* "\geq" means soluble, but saturation unknown.</small>			
Solvent&Solubility	Preparing Stock Solutions	Solvent	Mass	
		Concentration		
			1 mg	5 mg
			10 mg	
		1 mM	3.1915 mL	15.9576 mL
		5 mM	0.6383 mL	3.1915 mL
		10 mM	0.3192 mL	1.5958 mL
<small>*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液; 一旦配成溶液, 请分装保存, 避免反复冻融造成的产品失效。 储备液的保存方式和期限: -80°C, 6 months; -20°C, 1 month. -80°C 储存时, 请在 6 个月内使用, -20°C 储存时, 请在 1 个月内使用。</small>				
References	[1]. Schaps D, et al. Therapeutic use of amezinium methylsulfate--a new, long acting, sympathomimetic--in paraspinal conduction anesthesia. Anesth Intensivther Notfallmed. 1984 Oct;19(5):235-9.			