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产品名称: 苯磺阿曲库胺

产品别名: **Atracurium besylate; 阿曲库铵苯磺酸; BW-33A**

生物活性:					
Description	Atracurium Besylate is a neuromuscular blocking agent with ED95 of 0.2 mg/kg. Target: nAChR Atracurium besylate is a neuromuscular-blocking drug or skeletal muscle relaxant in the category of non-depolarizing neuromuscular-blocking drugs, used adjunctively in anesthesia to facilitate endotracheal intubation and to provide skeletal muscle relaxation during surgery or mechanical ventilation. Atracurium is classified as an intermediate-duration non-depolarizing neuromuscular-blocking agent [1]. A 14C radiolabeled metabolism study in cats confirmed the lack of hepatic or renal involvement in the metabolism of atracurium: radioactivity eliminated in bile and urine was predominantly from metabolites rather than the unchanged parent drug [2].				
	In Vitro: DMSO : 50 mg/mL (40.21 mM; Need ultrasonic)				
Solvent&Solubility	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg
		1 mM		0.8042 mL	4.0210 mL
		5 mM		0.1608 mL	0.8042 mL
		10 mM		0.0804 mL	0.4021 mL
	*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℃, 6 months; -20℃, 1 month。 -80℃ 储存时，请在 6 个月内使用，-20℃ 储存时，请在 1 个月内使用。				
References	[1]. Fagerlund, M.J., M. Dabrowski, and L.I. Eriksson, Pharmacological characteristics of the inhibition of nondepolarizing neuromuscular blocking agents at human adult muscle nicotinic acetylcholine receptor. Anesthesiology, 2009. 110(6): p. 1244-1252. [2]. Neill, E. and D. Chapple, Metabolic studies in the cat with atracurium: a neuromuscular blocking agent designed for non-enzymic inactivation at physiological pH. Xenobiotica, 1982. 12(3): p. 203-210.				