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产品名称: 依诺沙星倍半水合物

产品别名: **Enoxacin hydrate; Enoxacin sesquihydrate; AT-2266 hydrate; CI-919 hydrate**

生物活性:				
Description	Enoxacin hydrate is a broad-spectrum 6-fluoronaphthyridinone antibacterial agent. Target: antibacterial Enoxacin hydrate is a new quinolone carboxylic acid compound. Its activity against 740 bacterial isolates was determined. It inhibited 90% Escherichia coli, Klebsiella sp., Aeromonas sp., Enterobacter spp., Serratia spp., Proteus mirabilis, and Morganella morganii at less than or equal to 0.8 micrograms/ml [1]. Daily plasma theophylline concentrations were measured in 14 patients. The mean +/- s.d. theophylline concentrations increased from 8.5 +/- 2.8 micrograms ml-1 prior to enoxacin to a maximum of 21.7 +/- 7.8 micrograms ml-1 during coadministration [2].			
Solvent&Solubility	In Vitro: DMSO : 2.78 mg/mL (8.00 mM; Need ultrasonic) H₂O : < 0.1 mg/mL (insoluble)			
		Solvent / Mass Concentration	1 mg	5 mg
	Preparing	1 mM	2.8790 mL	14.3951 mL
	Stock Solutions	5 mM	0.5758 mL	2.8790 mL
		10 mM	---	---
*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 (protect from light)。-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。				
References	[1]. Chin, N.-X. and H.C. Neu, In vitro activity of enoxacin, a quinolone carboxylic acid, compared with those of norfloxacin, new beta-lactams, aminoglycosides, and trimethoprim. Antimicrobial agents and chemotherapy, 1983. 24(5): p. 754-763. [2]. Wijnands, W., T. Vree, and C. Herwaarden, Enoxacin decreases the clearance of theophylline in man. British journal of clinical pharmacology, 1985. 20(6): p. 583-588.			