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产品名称: **Finafloxacin**

产品别名: 非那沙星

生物活性:					
Description	Finafloxacin is a fluoroquinolone antimicrobial agent that exhibits optimum efficacy in slightly acidic environments. Target: Antibacterial Finafloxacin is a pH-activated fluoroquinolone (belonging to a new 8-cyano subclass) to treat serious bacterial infections associated with an acidic environment, including urinary tract infections (UTIs) and Helicobacter pylori infections. Finafloxacin exhibits optimal efficacy in slightly acidic environments (pH 5.0-6.0), under which other fluoroquinolones lose activity. Finafloxacin is highly selective for bacterial type II topoisomerases, including DNA gyrase and DNA topoisomerase IV. [1]				
Solvent&Solubility	In Vitro: DMSO : 6.4 mg/mL (16.06 mM; Need ultrasonic and warming)				
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
		1 mM	2.5101 mL	12.5505 mL	25.1010 mL
		5 mM	0.5020 mL	2.5101 mL	5.0202 mL
		10 mM	0.2510 mL	1.2551 mL	2.5101 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]. McKeage K. Finafloxacin: first global approval. Drugs. 2015 Apr;75(6):687-93.				

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