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产品名称: **Tosufloxacin p-Toluenesulfonate Hydrate**
产品别名: 妥舒沙星甲苯磺酸盐水合物; **Tosufloxacin tosylate hydrate;**
A-61827 tosylate hydrate

生物活性:				
Description	Tosufloxacin (tosylate hydrate) is a fluoroquinolone antibacterial agent. Tosufloxacin (tosylate hydrate) is effective against Gram-positive and Gram-negative aerobic bacteria, anaerobic bacteria and Chlamydia trachomatis. Tosufloxacin (tosylate hydrate) is also a bacterial Topo (DNA gyrase, topoisomerase)) inhibitor.			
Solvent&Solubility	In Vitro: DMSO : ≥ 33 mg/mL (55.50 mM) * "$\geq$" means soluble, but saturation unknown.			
		Solvent / Mass / Concentration	1 mg	5 mg
	Preparing	1 mM	1.6819 mL	8.4096 mL
	Stock Solutions	5 mM	0.3364 mL	1.6819 mL
		10 mM	0.1682 mL	0.8410 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°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。				
References	[1]. Chu DT et al. Synthesis and biological properties of A-71497: a prodrug of tosufloxacin. Drugs Exp Clin Res. 1990;16(9):435-43. [2]. Deng FY et al. [Mn2+-cTMAB-sensitized fluorescent microscopic determination of tosufloxacin tosylate based on a self-ordered ring. Guang Pu Xue Yu Guang Pu Fen Xi. 2014 Feb;34(2):445-9. [3]. Chu DT et al. Synthesis and biological properties of A-71497: a prodrug of tosufloxacin. Drugs Exp Clin Res, 1990, 16(9):435-43.			