上海源叶生物科技有限公司
Shanghai yuanye Bio-Technology Co., Ltd
电话：021-61312973　　传真：021-55068248
网址：www.shyuanye.com
邮箱：shyysw@sina.com

产品名称：1-环丙基-8-(二氟甲氧基)-7-[(1R)-2,3-二氢-1-甲基-1H-异吲哚-5-基]-1,4-二氢-4-氧代-3-喹啉甲酸甲磺酸盐一水合物

产品别名：加雷沙星甲磺酸盐；Garenoxacin Mesylate hydrate； BMS284756 (Mesylate hydrate)

生物活性：

Description

Garenoxacin mesylate hydrate is a novel oral des-fluoro(6) quinolone with potent antimicrobial activity, against common respiratory pathogens, including resistant strains.

Solvent&Solubility

In Vitro:

DMSO : ≥ 30 mg/mL (55.50 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.8500 mL	9.2502 mL	18.5004 mL
	5 mM	0.3700 mL	1.8500 mL	3.7001 mL
	10 mM	0.1850 mL	0.9250 mL	1.8500 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]. Waites KB, et al. In vitro susceptibilities to and bactericidal activities of garenoxacin (BMS-284756) and other antimicrobial agents against human mycoplasmas and ureaplasmas. Antimicrob Agents Chemother. 2003 Jan;47(1):161-5.

[2]. Ince D, et al. Dual targeting of DNA gyrase and topoisomerase IV: target interactions of garenoxacin (BMS-284756, T-3811ME), a new desfluoroquinolone. Antimicrob Agents Chemother. 2002 Nov;46(11):3370-80.

[3]. Zhao X, et al. Mutant prevention concentration of garenoxacin (BMS-284756) for ciprofloxacin-susceptible or -resistant Staphylococcus aureus. Antimicrob Agents Chemother. 2003 Mar;47(3):1023-7.