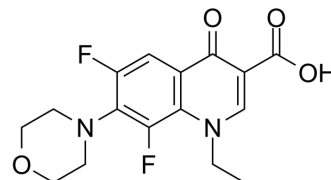


Antibacterial agent 19

Cat. No.:	HY-138621		
CAS No.:	79660-59-6		
Molecular Formula:	C ₁₆ H ₁₆ F ₂ N ₂ O ₄		
Molecular Weight:	338.31		
Target:	Bacterial		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 1.82 mg/mL (5.38 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.9559 mL	14.7793 mL	29.5587 mL
5 mM	0.5912 mL	2.9559 mL	5.9117 mL
10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Antibacterial agent 19 (compound 8) is a potent antibacterial agent. Antibacterial agent 19 has antibacterial activity against *K. pneumoniae*, (M-R)*S. aureus* and (M-R,V-R)*S. aureus* with MIC values of 0.022, 0.022 and 0.045 mg/mL, respectively^[1].

REFERENCES

[1]. Sunduru N, et, al. Synthesis and antibacterial evaluation of novel 8-fluoro Norfloxacin derivatives as potential probes for methicillin and vancomycin-resistant *Staphylococcus aureus*. *Eur J Med Chem.* 2011 Apr;46(4):1232-44.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA