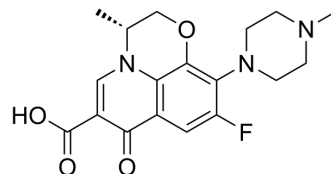


(R)-Ofloxacin

Cat. No.:	HY-B0330D		
CAS No.:	100986-86-5		
Molecular Formula:	C ₁₈ H ₂₀ FN ₃ O ₄		
Molecular Weight:	361.37		
Target:	Bacterial; Antibiotic		
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 : 10 mg/mL (27.67 mM; ultrasonic and warming and adjust pH to 4 with 1M HCl and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.7672 mL	13.8362 mL	27.6725 mL
5 mM	0.5534 mL	2.7672 mL	5.5345 mL
10 mM	0.2767 mL	1.3836 mL	2.7672 mL

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

BIOLOGICAL ACTIVITY

Description

(R)-Ofloxacin (Dextroflaxacin) is an antibiotic useful for the treatment of a number of bacterial infections^[1]. Antibacterial activity^[1].

REFERENCES

[1]. Nahla N. Salama, et al. Thin-Layer Chromatographic Enantioseparation of Ofloxacin and Zopiclone using Hydroxy-Propyl-BetaCyclodextrin as Chiral Selector and Thermodynamic Studies of Complexation. Journal of Planar Chromatography. 27 (2014) 3, 166-173.

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