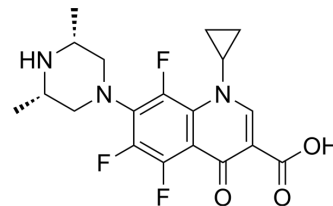


Orbifloxacin

Cat. No.:	HY-B0915		
CAS No.:	113617-63-3		
Molecular Formula:	C ₁₉ H ₂₀ F ₃ N ₃ O ₃		
Molecular Weight:	395.38		
Target:	Bacterial; Antibiotic		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 6 mg/mL (15.18 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.5292 mL	12.6461 mL	25.2921 mL
5 mM	0.5058 mL	2.5292 mL	5.0584 mL
10 mM	0.2529 mL	1.2646 mL	2.5292 mL

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

BIOLOGICAL ACTIVITY

Description

Orbifloxacin is a synthetic broad-spectrum fluoroquinolone antibiotic which is approved for use in dogs.

IC₅₀ & Target

Quinolone

CUSTOMER VALIDATION

- Microb Pathog. 2023 Apr 22;106122.

See more customer validations on www.MedChemExpress.com

REFERENCES

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

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