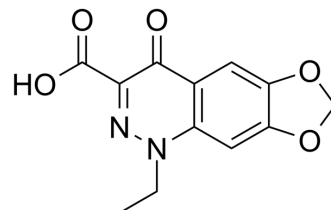


Cinoxacin

Cat. No.:	HY-B1085		
CAS No.:	28657-80-9		
Molecular Formula:	C ₁₂ H ₁₀ N ₂ O ₅		
Molecular Weight:	262.22		
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 : 8.33 mg/mL (31.77 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.8136 mL	19.0680 mL	38.1359 mL
	5 mM	0.7627 mL	3.8136 mL	7.6272 mL
	10 mM	0.3814 mL	1.9068 mL	3.8136 mL

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

BIOLOGICAL ACTIVITY

Description

Cinoxacin was an older synthetic antimicrobial related to the quinolone class of antibiotics, with activity similar to oxolinic acid and nalidixic acid.

CUSTOMER VALIDATION

- J Chem Inf Model. 2021 Jul 21.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Scavone JM, et al. Cinoxacin: mechanism of action, spectrum of activity, pharmacokinetics, adverse reactions, and therapeutic indications. *Pharmacotherapy*. 1982 Sep-Oct;2(5):266-72.

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