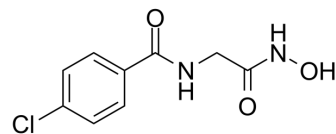


Benurestat

Cat. No.:	HY-107792
CAS No.:	38274-54-3
Molecular Formula:	C ₉ H ₉ ClN ₂ O ₃
Molecular Weight:	228.63
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Benurestat is an orally active urease inhibitor. Benurestat can be used for infected ureolysis research ^[1] .
In Vivo	Benurestat administration, 25 mg/kg, 50 mg/kg, or 100 mg/kg, causes a decrease in the urinary excretion of ammonia from rats with experimental <i>P. mirabilis</i> genitourinary tract infection ^[1] . The number of viable bacteria present in the bladders of infected rats is significantly less after the administration of Benurestat plus Nitrofurantoin, Sulfamethoxazole, or Ampicillin than the respective numbers that are obtained from control infected rats or from rats administered either component of the combination separately ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. J A Andersen. Benurestat, a urease inhibitor for the therapy of infected ureolysis. Invest Urol. 1975 Mar;12(5):381-6.

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