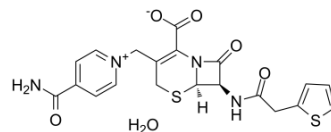


Cefalonium hydrate

Cat. No.:	HY-B1252A
CAS No.:	1486466-27-6
Molecular Formula:	C ₂₀ H ₂₀ N ₄ O ₆ S ₂
Molecular Weight:	476.53
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cefalonium hydrate is the first-generation β -lactam cephalosporin antibiotic that is widely used to research bovine mastitis caused by Gram-positive bacteria including staphylococci^{[1][2][3]}.

REFERENCES

- [1]. Harada K, et, al. Assessment of the Usefulness of Cefapirin and Cefalonium Disks for Susceptibility Testing of Staphylococcus aureus Isolates from Bovine Mastitis. Antibiotics (Basel). 2020 Apr 21;9(4):197.
- [2]. Demon D, et, al. The intramammary efficacy of first generation cephalosporins against Staphylococcus aureus mastitis in mice. Vet Microbiol. 2012 Nov 9;160(1-2):141-50.
- [3]. Berry EA, et, al. Effect of an intramammary teat seal and dry cow antibiotic in relation to dry period length on postpartum mastitis. J Dairy Sci. 2007 Feb;90(2):760-5.

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