Product Data Sheet

Miocamycin

Cat. No.: HY-B1921

CAS No.: 55881-07-7

Molecular Formula: C₄₅H₇₁NO₁₇

Molecular Weight: 898.04

Target: Bacterial

Pathway: Anti-infection

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.

BIOLOGICAL ACTIVITY

Description	Miocamycin (Midecamycin acetate) is a derivative of midecamycin (HY-B1908), a macrolide antibiotic that can be isolated from a culture broth of Streptomyces mycarofaciens. Miocamycin has antibacterial properties ^[1] .
In Vivo	The maximum non-toxic dosage level of Miocamycin is 250 mg/kg in male and female rats (Wistar, SPF, 5-week-old) with p.o. administered once daily for 26 weeks ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. TOXICOLOGICAL STUDIES ON A NEW MACROLIDE ANTIBIOTIC, MIDECAMYCIN ACETATE (MIOCAMYCIN). July 1984. Volume 37 Issue 7 Pages 1355-1375.

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