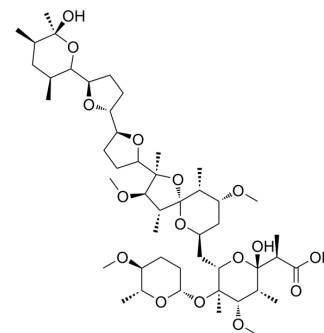


Septamycin

Cat. No.:	HY-122507
CAS No.:	54927-63-8
Molecular Formula:	C ₄₈ H ₈₂ O ₁₆
Molecular Weight:	915.16
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Septamycin (A 28695A) is a metal complexing polyether antibiotic. Septamycin is produced by a strain of <i>Streptomyces hygrosopicus</i> NRRL 5678. Septamycin has anticoccidial activity ^{[1][2]} .
In Vitro	Septamycin (A 28695A; 0.01-0.001 µg/mL; 120 h) has anticoccidial activity and inhibits the development of <i>E. tenella</i> in chick kidney cell cultures ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Meingassner JG, et, al. Laboratory studies on the anticoccidial activity of septamycin. *Poult Sci.* 1977 Jul;56(4):1281-8.
- [2]. Keller-Juslén C, et, al. Septamycin, a polyether antibiotic. Taxonomy, fermentation, isolation and characterization. *J Antibiot (Tokyo).* 1975 Nov;28(11):854-9.

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

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