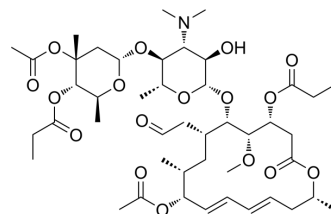


## Miocamycin

Cat. No.:	HY-B1921
CAS No.:	55881-07-7
Molecular Formula:	C <sub>45</sub> H <sub>71</sub> NO <sub>17</sub>
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

<b>Description</b>	Miocamycin (Midecamycin acetate) is a derivative of midecamycin (HY-B1908), a macrolide antibiotic that can be isolated from a culture broth of <i>Streptomyces mycarofaciens</i> . Miocamycin has antibacterial properties <sup>[1]</sup> .
<b>In Vivo</b>	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 <sup>[1]</sup> . 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.**

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