

Product Information

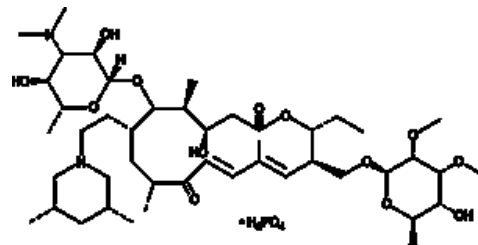


Tilmicosin (phosphate)

Cat No: 18190 - 10 mg

General Data

Shipping:	dry ice
Formulation:	A crystalline solid
Purity:	≥95%



Product Overview

Tilmicosin is a macrolide antibiotic.^{27769} It is active against macrolide-susceptible strains of *M. haemolytica*, *P. multocida*, and *E. coli* (MICs = 4, 4, and 128 μ M, respectively), as well as a hyperpermeable strain of *E. coli* (MIC = 2 μ M), and inhibits bacterial protein synthesis (IC₅₀ = 0.36 μ M). Tilmicosin (75 mg/kg) increases serum creatine kinase (CK), the MB isoform of CK (CK-MB), and malondialdehyde (MDA) levels in mice, indicating cardiotoxicity.^{61661} Formulations containing tilmicosin have been used in the treatment of respiratory diseases in sheep and cattle.

FP/03/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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