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(54) Title: COMPOSITIONS FOR TREATING MICROBIAL AND PARASITIC INFECTIONS IN CATTLE AND OTHER ANIMALS

(57) Abstract: Novel formulations combining an antiparasitic compounds, such as an avermectin, with a fluorinated chloramphenicol or thiamphenicol derivative antibiotic such as Florfenicol are disclosed. Methods for using such formulations in the treatment and prevention of infectious diseases of bovines and swine, including bovine respiratory disease and parasitic infections are also disclosed.

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