

Salinomycin-BSA conjugate

Catalog number: 50572
Unit size: 5 mg

Product Details

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Solid
Soluble In	Water

Applications

Salinomycin is a polyether monocarboxylic acid produced by *Streptomyces albus*. It is used in the prevention of coccidiosis in poultry caused by *E. necatrix*, *E. tenella*, *E. acervulina*, *E. brunette*, *E. maxima*, and *E. mivati*. Salinomycin is active against certain Gram-positive bacteria, whereas Enterobacteriaceae are resistant. Salinomycin also has an inhibitory effect on *Clostridium perfringens*, thus the use of salinomycin leads to a decrease in the incidence of necrotic enteritis in broiler chickens. Salinomycin is considered as the marker residue and skin/fat as the target tissue. Salinomycin produces relatively low residue levels in the eggs compared with other polyether ionophores. Salinomycin-BSA conjugate is used for developing and screening Salinomycin antibodies. It is also an excellent reagent for quantifying Salinomycin by ELISA.