



genespin

DATA SHEET

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> Chloramphenicol

<i>cat. no.</i>	<i>amount</i>	<i>note</i>
STS-CHOR25	25g	powder
STS-CHOR100	100g	powder

Chloramphenicol is a bacteriostatic antibiotic, which is effective against a wide variety of Gram-positive and Gram-negative bacteria, including most anaerobic organisms.

Chloramphenicol is a protein synthesis inhibitor, inhibiting peptidyl transferase activity of the bacterial ribosome, binding to A2451 and A2452 residues in the 23S rRNA of the 50S ribosomal subunit, and preventing peptide bond formation

Cell culture tested.

Formulation



Molecular weight

323,1

Solubility

Chloramphenicol is soluble in ethanol and methanol. Slightly soluble in water.

Storage

Store dry at room temperature.

FOR RESEARCH USE ONLY