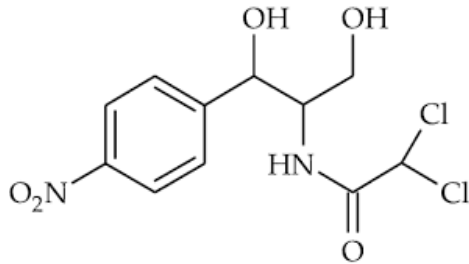


Chloramphenicol

Molecular structure



Product Description

Chloramphenicol is a synthetic antibiotic, isolated from strains of *Streptomyces venezuelae*. It is often used for bacterial selection in molecular biology applications and as a selection agent for transformed cells containing chloramphenicol resistance genes. It is bacteriostatic to both Gram – and Gram + bacteria

Product Specification

Mode of Action:	Binds to the 50S ribosomal subunit to inhibit amino acid transfer by peptidyltransferase
Conferred Resistance:	Chloramphenicol-modifying
Molecular weight:	692.7
Formula:	$C_{20}H_{40}N_{4}O_{10} \cdot 2H_2SO_4$
Appearance:	Powder
Working Concentration:	5 µg/mL
Solubility:	Ethanol
Storage and Stability:	15°C to 30°C Protect from light

Ordering information

Cat. No.	Description	Unit Size	Qty/Pk
61-239 RI	Chloramphenicol	25g	1

For Research use only. Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or *in vitro* procedures.

Support

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