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chloramphenicol/BSA

Catalog Number:	bs-0971PB
AA Seq:	Coupling protein
Activity:	No
Endotoxin:	Not analyzed
Form:	Liquid
Storage:	0.01M TBS(pH7.4). Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
Background:	Chloramphenicol is a bacteriostatic antimicrobial originally derived from the bacterium Streptomyces venezuelae, isolated by David Gottlieb, and introduced into clinical practice in 1949. It was the first antibiotic to be manufactured synthetically on a large scale, and alongside the tetracyclines, is considered the prototypical broad-spectrum antibiotic. Chloramphenicol is effective against a wide variety of Gram-positive and Gram-negative bacteria, including most anaerobic organisms. Due to resistance and safety concerns, it is no longer a first-line agent for any indication in developed nations and has been replaced by newer drugs in this setting, although it is sometimes used topically for eye infections. In low-income countries, chloramphenicol is still widely used because it is exceedingly inexpensive and readily available.

PRODUCT SPECIFIC PUBLICATIONS

[IF=8.5] Lingqin Meng. et al. Highly sensitive antibiotic sensing based on optical weak value amplification: A case study of chloramphenicol. FOOD CHEM. 2024 Jun;:140184 Other ; . 38968708