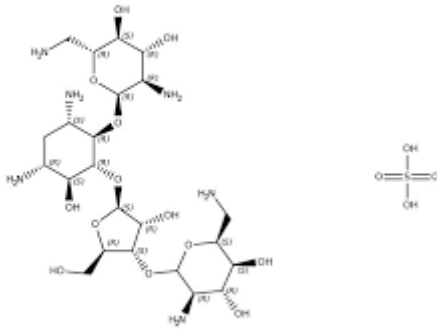


Neomycin Sulfate

Molecular structure



Product Description

Neomycin Sulfate is used for the prevention of bacterial contamination of cell cultures. This antibiotic is bacteriocidal and highly active against gram positive and gram-negative bacteria, bacilli aerobes and facultative anaerobes only.

Product Specification

Mode of Action:	Binds to the 30S ribosomal subunit and affects the fidelity of translation
Conferred Resistance:	Aminoglycosides-modifying enzymes, a change in cell permeability, or a change in ribosomal structure
Molecular weight:	712.7g/mol
Formula:	C ₂₃ H ₄₈ N ₆ 17S
Appearance:	Powder: off white powder
Working Concentration:	Powder: 50 µg/mL
Solubility:	Powder: H ₂ O
Storage and Stability:	Powder: 15°C to 30°C Protect from light

Ordering information

Cat. No.	Description	Unit Size	Qty/Pk
61-241 RG	Neomycin Sulphate Powder	5 g	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

Life Science Production is a division of Life Science Group Ltd.
Life Science Production is [ISIA Traceability Certified](#)
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To learn more, contact us:

Telephone: +44 (0) 1234 889180

Email: sales@lifesciencegroup.co.uk

Website: www.lifescienceproduction.co.uk

Address: PO Box 1519, Bedford, United Kingdom