

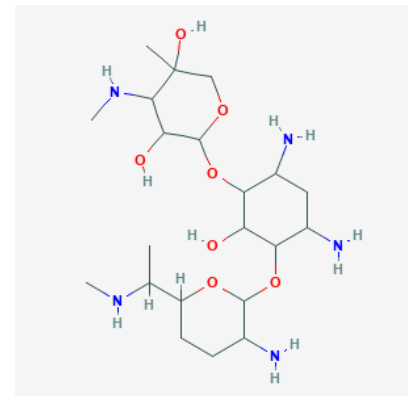
FT-310083



Gentamycin, solution

Product Description

Name :	Gentamycin Sulfate, Sterile-Filtered Solution, 50 mg/ml concentration in DI Water
Catalog Number :	Gentamicin, G418 310082, 50ml 310083, 5 x 10ml 310084, 5 x 50ml
Structure :	CAS: 1405-41-0
Purity:	>600 I.U./mg
Storage:	+4°C



Sterile-filtered, Broad spectrum, cell culture antibiotic that is non toxic to viruses and mammalian cells at antibacterial levels. It is useful for long-term virus and tissue culture studies.

Directions for use

The optimal concentrations of Gentamycin required to select and maintain cells must be determined experimentally for any given set of growth conditions and should be reestablished any time those conditions are altered. In general, concentrations of 400 to 1000 µg/ml of Gentamycin have been used for selection of mammalian cells, while concentrations of 200 to 300 µg/ml are used for maintenance.

The Gentamycin solution may easily be diluted to reach any desired final antibiotic concentrations. For example, 2 ml of Gentamycin antibiotic solution mixed with 98 ml of cell culture medium will yield a final Gentamycin concentration in the culture medium of 1000 µg/ml.

References

- **Burley H. et al.**, The potential of vegetative buffers to reduce dust and respiratory virus transmission from commercial poultry farms, *J. Appl. Poult. Res.*, 20: 210 - 222 (2011) [Article](#)
- **Covi J. et al.**, V-ATPase inhibition prevents recovery from anoxia in *Artemia franciscana* embryos: quiescence signaling through dissipation of proton gradients, *J Exp Biol* 208, 2799-2808 (2005) [Article](#)
- **Sémiramo N. et al.**, Escherichia coli type 1 pili trigger late IL-8 production by neutrophil-like differentiated PLB-985 cells through a Src family kinase- and MAPK-dependent mechanism, *Journal of Leukocyte Biology* vol. 85 no. 2 310-321 (2009) [Article](#)

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Related / associated products and documents

- Kanamycin sulfate, 308664
- PSA (penicillin G, streptomycin sulfate and amphotericin), N13490

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

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