



LKT Laboratories, Inc.

Gentamycin Sulfate

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID G1658

CAS No. 1405-41-0

Chemical Name

Synonym Gentamicin C complex sulfate, Alcomycin, Garamycin, Gentacin, Lugacin, Ophtagram, Pangram, Sulmycin

Formula

Formula Wt. 551.73

Melting Point 218-237°C

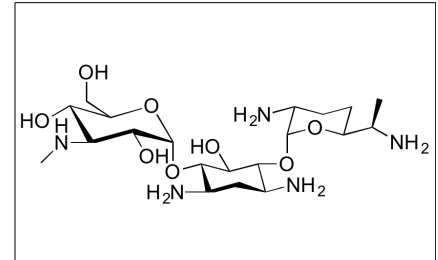
Purity ≥98%

Solubility Soluble in ethylene glycol and formamide.

Store Temp Ambient

Ship Temp Ambient

Description Gentamycin is an aminoglycoside antibiotic originally produced by *Micromonospora*. Gentamycin binds the ribosomal 30S subunit, preventing formation of the initiation complex, suppressing translocation, and inhibiting protein synthesis. Gentamycin displays antibacterial efficacy against some gram positive bacteria and many gram negative bacteria.



Bulk quantities available upon request

Product ID	Size
G1658	500 mg
G1658	1 g
G1658	5 g
G1658	10 g

References Cavallo G, Martinetto P. The mechanism of action of aminoglycosides. *G Bacteriol Virol Immunol.* 1981 Jul-Dec;74(7-12):335-46. PMID: 6182050.

Hahn FE, Sarre SG. Mechanism of action of gentamicin. *J Infect Dis.* 1969 Apr-May;119(4):364-9. PMID: 4892389.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.