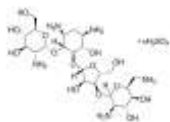


PRODUCT: Paromomycin Sulfate

ALTERNATE NAME: Aminosidin sulfate; Gabbroral; Aminoxidin; Farmiglucin; Humagel; Humatin; Pargonyl; Sinosid; D-Streptamine, O-2-amino-2-deoxy-alpha-D-glucopyranosyl-(1->4)-O-(O-2,6-diamino-2,6-dideoxy-beta-L-idopyranosyl-(1->3)-beta-D-ribofuranosyl-(1->5))-2-deoxy-, sulfate (salt)

CATALOG #: B1528-1G, 5G

AMOUNT: 1 g, 5 g

STRUCTURE:

MOLECULAR FORMULA: $C_{23}H_{45}N_5O_{14} \cdot H_2SO_4$

MOLECULAR WEIGHT: 713.71

CAS NUMBER: 1263-89-4

APPEARANCE: White to yellow solid

SOLUBILITY: H_2O (~50 mg/ml)

POTENCY: ≥ 675 u/mg

STORAGE: Store at +4 °C. Protect from air and moisture

DESCRIPTION: Paromomycin Sulfate is an aminoglycoside antibiotic that inhibits the initiation and elongation steps of protein synthesis by binding to 16S ribosomal RNA. Paromomycin binds to the A site, which causes defective polypeptide chains to be produced and leads to cell death.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Amphotericin B (Cat. No. 2497-250, 1G, 5G)
 Ampicillin trihydrate (Cat. No. 2483-1 G, 5G, 25 G)
 Ampicillin sodium (Cat. No. 2484-1G, 5G, 25G)
 EZSolution™ Ampicillin sodium (Cat. No. 2499-10)
 Betulinic Acid (Cat. No. 1552-25)
 Bexarotene (Cat. No. 1575-5, 50)
 Blastidicin S, Hydrochloride (Cat. No. 1859-25,100)
 Capecitabine (Cat. No. 1741-100, 1000)
 Carboplatin (Cat. No. 1553-100)
 Chloramphenicol (Cat. No. 2486-25G, 100G, 500G)
 Cefotaxime Sodium, USP (Cat. No. B1510-1G, 5G, 25G)
 Cisplatin (Cat. No. 1550-100,1000)
 Cycloheximide (Cat. No. 1041-1G, 5G)
 Cycloheximide (100 mM) (Cat. No. 1041-1)
 Daunorubicin.HCl (1524-10,50,500)
 Doxorubicin HCl (Cat. No. 1527-5)
 Fludarabine Phosphate (Cat. No. 1763-10, 50)
 G-418 Sulfate (Cat. No. 1557-100, 5G, 25G)
 Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)
 Genistein (Cat. No. 1533-10)
 Nedaplatin (Cat. No. 1576-5)
 Nystatin, USP Grade (Cat. No. B1509-1G, 5G, 25G)
 Oxaliplatin (Cat. No. 1577-25)
 Paclitaxel (Cat. No. 1567-25)
 Penicillin G sodium (Cat. No. 2503-100, 500)
 Penicillin G potassium (Cat. No. 2504-25, 100)
 Polymyxin B Sulfate (Cat. No. 2496-10, 50, 100)
 Puromycin Dihydrochloride (Cat. No. 1860-25, 100, 250, 500,1000)
 EZSolution™ Puromycin Dihydrochloride (Cat. No. 1861-100)
 Streptozocin (Cat. No. 1930-100, 500, 1000)
 Tamoxifen Citrate (Cat. No. 1551-1000)
 Timentin (Cat. No. B1508-1G, 5G, 25G)
 Vancomycin Hydrochloride (Cat. No. B1507-250, 1G, 5G)

USAGE: *FOR RESEARCH CH USE ONLY! Not to be used in humans*