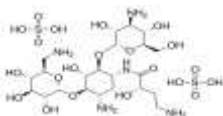


PRODUCT: Amikacin Disulfate**ALTERNATE NAME:** AMIKACIN SULFATE; Amikin; Amikacin disulfate; Pierami; Amikafur; Amitrex**CATALOG #:** B1513-1G, 5G, 25G**AMOUNT:** 1 g, 5 g, 25 g**STRUCTURE:****MOLECULAR FORMULA:** $C_{22}H_{43}N_5O_{13} \cdot 2H_2SO_4$ **MOLECULAR WEIGHT:** 781.76**CAS NUMBER:** 39831-55-5**APPEARANCE:** White crystalline solid**SOLUBILITY:** H_2O (~ 50 mg/ml)**ASSAY:** 674 - 786 $\mu g/mg$ (dried basis)**STORAGE:** Store at +4 °C. Protect from air and moisture**DESCRIPTION:** Semisynthetic, aminoglycoside antibiotic derived from Kanamycin A. Range of activity is similar to Gentamicin. Active against many strains of Gram negative bacteria. Amikacin prevents bacterial protein synthesis by binding to the 30S ribosome subunit and inducing mRNA misreading.**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)
 Blastidin 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*