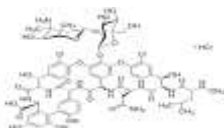


PRODUCT: Vancomycin Hydrochloride**ALTERNATE NAME:** Vancocin; Lyphocin**CATALOG #:** B1507-250, 1G, 5G**AMOUNT:** 250 mg, 1 g, 5 g**STRUCTURE:****MOLECULAR FORMULA:** $C_{66}H_{75}Cl_2N_9O_{24} \cdot HCl$ **MOLECULAR WEIGHT:** 1485.71**CAS NUMBER:** 1404-93-9**APPEARANCE:** White to off-white solid**SOLUBILITY:** PBS (pH 7.2, ~ 5 mg/ml)**POTENCY:** ≥900 U/mg**STORAGE:** Store at +4 °C. Protect from air and moisture

DESCRIPTION: Vancomycin is a glycopeptide antibiotic identified for its utility in the treatment of gram-positive bacteria, including penicillin-resistant staphylococci. It acts by binding to bacterial cell wall protein precursors, interfering with continuing protein synthesis. Produces a synergism in antimicrobial activity when combined with Cefotaxime or Carbenicillin. Vancomycin resistance in staphylococcal species has recently emerged as a clinical issue.

REFERENCES: Srinivasan, A., *et al.* (2002). *Clin. Microbiol. Rev.* **15**, 430-438.**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)
 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)
 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)
 Vancomycin Hydrochloride (Cat. No. B1507-250, 1G, 5G)

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