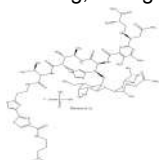


PRODUCT: Bleomycin sulfate**ALTERNATE NAME:** Blenoxane, Bleo, Blexane**CATALOG #:** 2246-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** $C_{55}H_{84}N_{17}O_{21}S_3 \cdot xH_2SO_4$ **MOLECULAR WEIGHT:** 1415.55. x98.08**CAS NUMBER:** 9041-93-4**APPEARANCE:** White solid**SOLUBILITY:** H₂O (20 mg/ml)**PURITY:** ≥90% by HPLC**Biological Activity:** ≥ 1500 IU/mg**STORAGE:** At -20°C. Protect from light and moisture**DESCRIPTION:** An antitumor antibiotic isolated from *Streptomyces verticillus*. Radiomimetic DNA-cleaving agent that produces double and single DNA strand breaks through an oxygen-radical-dependent mechanism. Inhibits intracellular DNA replication. DNA alkylating agent. Inducer and regulator of apoptosis in a variety of cells. Inhibits tumor angiogenesis.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Etoposide (Cat. No. 1043-100, 25MG, 250 MG)

Ready-to-use apoptosis inducer set (Cat. No. K121-5)

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