

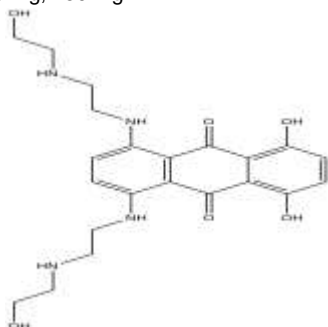
## Mitoxantrone

**ALTERNATE NAME:** 1,4-Dihydroxy-5,8-bis[[2-[(2-hydroxyethyl)amino]ethyl]amino]-9,10-anthracenedione

**CATALOG #:** 1885-50, 250

**AMOUNT:** 50 mg, 250 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>22</sub>H<sub>28</sub>N<sub>4</sub>O<sub>6</sub>

**MOLECULAR WEIGHT:** 444.48

**CAS NUMBER:** 65271-80-9

**APPEARANCE:** Dark blue solid

**SOLUBILITY:** DMSO

**PURITY:** ≥98%

**STORAGE:** Store at -20 °C

**DESCRIPTION:** An anti-tumor antibiotic and type II topoisomerase inhibitor. It disrupts DNA synthesis and DNA repair in both healthy and cancer cells. Mitoxantrone also displays broad immunosuppressive activity inhibiting proliferation of all classes of lymphocytes and inducing apoptosis of antigen-presenting T cells.

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

**FOR RESEARCH USE ONLY! Not to be used on humans.**

**RELATED PRODUCTS:**

- Betulinic Acid (**Cat. No. 1552-25**)
- Bexarotene (**Cat. No. 1575-5, 50**)
- Capecitabine (Cat. No. 1741-100, 1000)
- Carboplatin (**Cat. No. 1553-100**)
- Cisplatin (**Cat. No. 1550-100,1000**)
- Daunorubicin.HCl (**1524-10,50,500**)
- Doxorubicin HCl (**Cat. No. 1527-5**)
- Fludarabine Phosphate (**Cat. No. 1763-10, 50**)
- 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**)
- Tamoxifen Citrate (**Cat. No. 1551-1000**)