

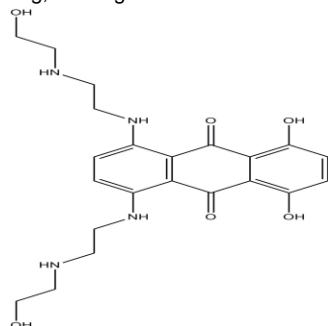
Mitoxantrone

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: C₂₂H₂₈N₄O₆

MOLECULAR WEIGHT: 444.48

CAS NUMBER: 65271-80-9

APPEARANCE: Dark blue solid

SOLUBILITY: DMSO (~88 mg/ml)

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**)