

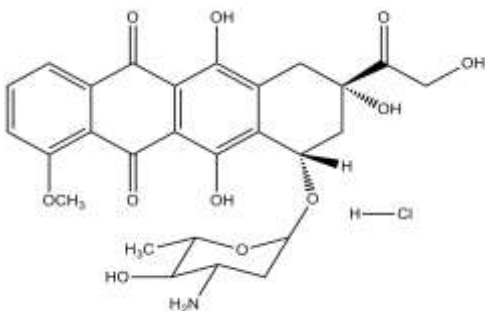
Epirubicin Hydrochloride

ALTERNATE NAME: (8S-cis)-10-((3-amino-2,3,6-trideoxy-beta-L-arabino-hexopyranosyl)oxy)-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-5,12-naphthacenedione hydrochloride; 4'-epiadriamycin; 4'-epidoxorubicin

CATALOG #: 1753-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{27}H_{29}NO_{11} \cdot HCl$

MOLECULAR WEIGHT: 579.98

CAS NUMBER: 56390-09-1

APPEARANCE: Orange red solid

SOLUBILITY: H_2O (1 mg/ml)

PURITY: $\geq 95\%$ by HPLC

STORAGE: Store at $-20\text{ }^{\circ}\text{C}$

DESCRIPTION: Cell-permeable. An anthracycline antitumor antibiotic. A stereoisomer of doxorubicin (Cat. No. 1527-5) that exhibits reduced cardiotoxicity. Its antitumor actions are mediated by targeting topoisomerase II.

REFERENCE: *Merck Index* 14, 3623.

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

RELATED PRODUCTS:

- Bexarotene (Cat. No. 1575-5, 50)
- Camptothecin (Cat. No. 1039-50MG, 500MG)
- Capecitabine (Cat. No. 1741-100,1000)
- Carboplatin (Cat. No. 1553-100)
- Cisplatin (Cat. No. 1550-100, 1000)
- Daunorubicin, HCl (Cat. No. 1524-10, 50,5 00)
- Doxorubicin, HCl (Cat. No. 1527-5)
- Etoposide (Cat. No. 1043-25MG, 250MG)
- Irinotecan Hydrochloride (Cat. No. 1752-25, 250)
- Nedaplatin (Cat. No. 1576-5)
- Oxaliplatin (Cat. No. 1577-25)
- Paclitaxel (Cat. No. 1567-25)
- Tamoxifen Citrate (Cat. No. 1551-1000)

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