

## Epirubicin Hydrochloride

Cat. No. CEI-0469

Lot. No. (See product label)

### Introduction

**Description** Cell-permeable. An anthracycline antitumor antibiotic. A stereoisomer of doxorubicin that exhibits reduced cardiotoxicity. Its antitumor actions are mediated by targeting topoisomerase II.

**Synonyms** 4'-epiadriamycin; 4'-epidoxorubicin

### Product Information

**Appearance** Pale yellow solid

**CAS No.** 56390-09-1

**Molecular Formula**  $C_{27}H_{29}NO_{11} \cdot HCl$

**Chemical Name** (8S-cis)-10-((3-amino-2,3,6-trideoxy-β-L-arabino-hexopyranosyl)oxy)-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-5,12-naphthacenedione hydrochloride;

**Molecular Weight** 379.45

**Purity** >97% by HPLC

**Targets** TOP2A

**Solubility** DMSO

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack