

## Adriamycin (Doxorubicin)

Cat. No. CEI-0290

Lot. No. (See product label)

### Introduction

**Description** Adriamycin (Doxorubicin) is a inhibitor of DNA topoisomerase II.

### Product Information

**CAS No.** 25316-40-9

**Molecular Formula** C<sub>27</sub>H<sub>29</sub>NO<sub>11</sub>.HCl

**Chemical Name** (8S,10S)-10-((2R,4S,5S,6S)-4-amino-5-hydroxy-6-methyl-tetrahydro-2H-pyran-2-yloxy)-6,8,11-trihydroxy-8-(2-hydroxyacetyl)-1-methoxy-7,8,9,10-tetrahydrotetracene-5,12-dione hydrochloride

**Molecular Weight** 579.98

**Purity** >99%

**Targets** topoisomerase II

**Solubility** DMSO 116 mg/mL Water 116 mg/mL Ethanol

### Storage and Shipping Information

**Storage** 2 years at -20centigrade Powder