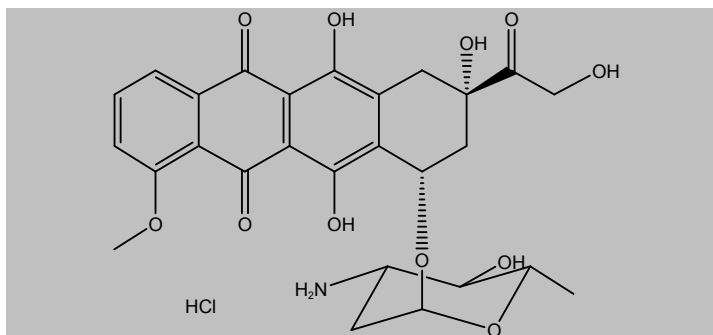


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 12/05/2017
COA Revision Date: 12/05/2020

Product: Doxorubicin hydrochloride
Cat. No.: BG0176
Batch No.: 0176BG/01
Chemical Name: (1S,3S)-3-Glycoloyl-1,2,3,4,6,11-hexahydro-3,5,12-trihydroxy-10-methoxy-6,11-dioxo-1-naphthacenyl-(3-amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosid) hydrochloride; Adriamycin hydrochloride; NSC 123127

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₇H₂₉NO₁₁ .HCl
Batch Molecular Weight: 579.98
CAS No.: [25316-40-9]
Physical Appearance: Red crystalline solid
Melting Point:
Solubility: Soluble to 10 mg/ml in water
Storage: +4° C
Batch Molecular Structure:



Product Description: Anticancer antibiotic agent that inhibits DNA Topoisomerase II. Immunosuppressive agent and DNA intercalator. Apoptosis inducer.

References: 1. Friesen et al. (1999) Leukemia 13:1854; 2. Sparano (1999) Semin Oncol 26:14

- CAUTION - Not fully tested. For Research use only. Not for human use. -



BIOTREND Chemicals AG
Unterdorfstr. 21
CH-8602 Wangen / Zurich
Switzerland
Tel + 41 44 805 76 76
Fax +41 44 805 76 77
Email: techserv@biotrend.ch
www.biotrend.ch

Certificate Of Analysis
Quality Control Testing and Research Application

COA Preparation Date: 12/05/2017
COA Revision Date: 12/05/2020

BG0176 Doxorubicin hydrochloride

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 99% (complies).

- CAUTION - Not fully tested. For Research use only. Not for human use. –